

CONCORD SCHOOL DISTRICT

School Administrative Unit #8

Donna Palley
Assistant Superintendent

Christine C. Rath
Superintendent

Michele M. Croteau
Business Administrator

Robert Belmont
Director of Student Services

T. Matthew Cashman
Director of Facilities and Planning

Larry Prince
Director of Human Resources

March 26, 2012

Ms. Kimberly Tisa
PCB Program Coordinator
US Environmental Protection Agency, Region 1
5 Post Office Square, Suite 100
Boston, MA 02109-3912

Reference: PCB Abatement Plan
Conant School, Concord, NH

Dear Ms. Tisa:

In accordance with the regulations at 40 CFR 761.61(a)(3) for Self-Implementing Cleanup and Disposal of PCBs, the following attached PCB Abatement Plan has been prepared for the Conant School in Concord, New Hampshire. Plans are to demolish the existing structure to be used as a parking lot. In preparation for demolition, samples of various building materials were tested for PCBs. PCBs greater than 50 parts per million were detected in window caulking and white paint in Addition #3 of the building.

All sampling plans, sample collection procedures, sample preparation procedures, extraction procedures, and instrumental/chemical analysis procedures used to assess or characterize the PCB contamination at the cleanup site, are on file with the School District at 38 Liberty Street, Concord, NH, and are available for EPA inspection.

If you have any questions concerning this data, please do not hesitate to give me a call.

Very truly yours,



Matthew Cashman
Director of Facilities Planning
Concord School District

Attached: PCB Abatement Plan-Conant School

Polychlorinated Biphenyl Abatement Plan

For the Site:

Conant Elementary School
152 South Street
Concord, NH. 03301

Prepared for:

Town of Concord, NH

C/o Universal Environmental Consultants
12 Brewster Road
Framingham, MA. 01702

Prepared by:

Lord Associates, Inc.
1506 Providence Highway, Suite 30
Norwood, MA 02062

Project No. 1808

March 22, 2012

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1.0 Introduction:

1.1 Purpose & Background:

Pursuant to 40 CFR 761.61(a)(3) of the Toxic Substances Control Act (TSCA), Lord Associates, Inc. (LAI) is submitting this Polychlorinated Biphenyl (PCB) Abatement Plan for the site referred to as the Conant Elementary School in Concord, New Hampshire (the "Site"). The need for the Abatement Plan was triggered by the identification of PCBs in exterior window caulking and paint on an exterior wood door in preparation of a planned building demolition of the school.

The Site is located within a suburban residential neighborhood located in Concord, New Hampshire. The property on which the Site is located is currently used as an elementary school serving grades K-5. A Site Locus is presented in **Figure 1**.

In planning for the demolition of the building, the Town contracted with Universal Environmental Consultants (UEC) of Framingham, Massachusetts to collect representative samples of existing window/door caulking, paint and adjacent building materials for the analyses of PCBs. According to the Assessor's Office records, the present structure was built in 1929. Concentrations in excess of 50 milligrams per kilogram (ppm) were detected in two materials sampled; the white paint on the exterior front door trim and the exterior window caulking of Addition #3 only (refer to the floor plan, **Figure 2**).

The Abatement Plan proposes to remove all windows, doors, and associated trim with PCB containing caulking and paint from (only) building Addition #3 for off-site disposal as a "bulk-product waste". It is the position of the Concord School District that building materials identified in the original building that have concentrations of PCBs <50 ppm meet the definition of "Excluded PCB products" as defined at 40 CFR 761.3. It is likely that paint applied to these parts of the building with PCBs were in-place prior to October 1, 1984, and were not derived from or diluted from paint with PCB concentrations greater than 50 ppm identified on Building Addition #3. This conclusion is supported by the following:

- The interior ceiling paint appears different in color than the exterior paint used on Addition #3.
- Exterior paint would not be used as interior ceiling paint due to the finish.
- School maintenance personnel do not recall the ceilings in the original building ever having been painted for at least the 20 years they have been employed.
- In 2005/6 the exterior trim of the school was painted with one coat of paint which would make all exterior paint appear similar.

1.2 Contact Information:

The following information pertinent to the persons assuming responsibility for conducting the Abatement Plan (i.e., the Potentially Responsible Party, PRP) is provided as follows:

PRP Contact Information:

Name: Concord School District, c/o Matt Cashman

Address: 38 Liberty Street,
Concord, NH. 03301
Relationship: Director of Facilities & Planning

Environmental Consultants/Licensed Site Professional Information:

Name: Ralph J. Tella, Lord Associates, Inc.
LSP#: 7473
Address: 1506 Providence Highway, Suite 30, Norwood, MA.
Telephone: (781) 255-5554 x14

2.0 Site Description:

2.1 Building Description

The Conant School is a one-story brick veneer and wood structure of approximately 57,000 square feet. Built in 1929, it has always been used as a school. Five additions to the original building were made: Addition #1 in 1940, Addition #2 in 1961, Addition #3 in 1966, Addition #4 in 1985, and Addition #5 in 1990.

A small grass-covered strip of land is located in the front of the building and east side. Behind the school to the south and west, the area surrounding the building is paved (see Photographs in **Appendix A**).

2.2 Land Use and Surrounding Receptors:

The property on which the School is located is within a primarily residential neighborhood along South Street. The School provides classroom education from kindergarten through grade 5. Potential receptors include students, visitors, faculty and staff. There are no adjacent surface water bodies, wetlands, or critical wildlife habitats.

2.3 Nature and Extent of PCB Contamination:

Representative samples of paint and caulking were collected by RPF Associates, Inc. on February 23, 2010, and by UEC on August 10, 2011 and February 29, 2012. The samples were collected manually by cutting or chiseling, and placed in plastic bags for transport to the laboratory. EMSL Analytical, Inc. laboratory extracted the samples via EPA Method 3540C and analyzed them by EPA Method 8082. A summary of these results is presented in **Table 1**. Copies of the lab reports are provided in **Appendix B**.

These results indicate that PCBs in the form of Aroclor 1254 are present at concentrations greater than 50 milligrams per kilogram (mg/kg), or roughly parts per million (ppm) in white-colored paint on an exterior wood door frame, and in exterior window caulking in Building Addition No. 3.

Other detections were recorded on samples of exterior white paint used on the original building front wood columns (5.3 ppm), and in white ceiling paint in Classroom #5 located in the original building (1.1 & 1.7 ppm). Care was taken to collect the paint samples after the surface was cleaned. Samples of ceiling paint from other classrooms located within the original building (Rooms 4 & 9) did not have detectable concentrations of PCBs.

To determine if the PCBs in the exterior window caulking and/or white painted trim had leached into the adjacent building materials and soil, samples of adjacent brick were collected by UEC on November 22, 2011 by manual chiseling. Three soil samples from underneath the window jambs on the north side of Addition #3 were collected by UEC on February 29, 2012 with a hand trowel to a depth of approximately 0-3". See **Figure 2** for the locations of these samples. The samples were extracted via EPA Method 3540C and analyzed via EPA Method 8082 by EMSL Analytical, Inc. These results indicate that *no* PCBs were present at the lab detection limit. A summary table of these results follows. Copies of the original lab reports are provided in **Appendix B**.

Table 1
Summary of PCB Testing in Building Materials & Soil
Mg/Kg, dry weight

Sample ID	Material	Location	Aroclor 1254
022310-B01	Caulk	Southwest entry door in hallway, interior	<0.99
022310-B02	Caulk	South entry door in Room 2	<0.99
022310-B03	Caulk	Southwest entry door in hallway, exterior	<0.99
022310-B04	Caulk	Old section bathroom sinks	0.95
022310-B05	Caulk	Tan, hallway across from Room 16 at building seam	2.0
022310-B06	Paint Chip	White, Boiler Room wall	<0.96
022310-B07	Paint Chip	Grey, Boiler Room Stairs	<1.0
1-8/10/11	White paint on wood	Main Entrance-Original Bldg, wood columns	5.3
2-8/10/11	White paint on wood	Addition #2; wood window column	<0.5
3-8/10/11	White paint on wood	Original Bldg-side entrance	<0.5
4-8/10/11	White paint on wood	Addition #3; front door frame	96
5-8/10/11	White paint	Classroom #5 ceiling	1.1
6-8/10/11	White paint	Radiator Shield; c'rm#7	<0.5
7-8/10/11	Horizontal. Window frame caulking	Orig. bldg.-rear	<0.5
8-8/10/11	Old door front caulking	Orig. bldg.-rear	<0.5
9-8/10/11	Vertical window front caulking	Orig. bldg.-rear	<0.5
10-8/10/11	Window frame caulk	Orig. bldg.-side entrance	<0.5

11-8/10/11	Top layer of caulk on old caulk	Orig. bldg.-Main entrance; between wood column and brick	<0.5
12-8/10/11	Old caulk	Orig. bldg.-Main entrance; between wood column and brick	<0.5
13-8/10/11	Window frame caulk	Addition #3	220
1-11/22/11	Brick	Addition #3; North Window frame	<0.5
2-11/22/11	Brick	Addition #3; North Window frame	<0.5
3-11/22/11	Brick	Addition #3; North Window frame	<0.5
1-2/29/12	White Paint	Classroom #5 ceiling	1.7
2-2/29/12	White Paint	Classroom 4 ceiling	<0.49
3-2/29/12	White Paint	Classroom 9 ceiling	<0.70
4-2/29/12	Soil	Addition #3, north side	<0.076
5-2/29/12	Soil	Addition #3, north side	<0.076
6-2/29/12	Soil	Addition #3, north side	<0.068

3.0 Abatement Plan:

3.1 Plan Objectives:

The objectives of this Abatement Plan are to properly remove all materials identified as PCB containing bulk product material for off-site disposal prior to building demolition. This includes all of the exterior windows, doors, and associated white painted frame trim of building Addition #3. These materials will be removed in their entirety (i.e., glazing and windows will not be separated).

Table 2
Summary of Building Materials to be Removed

Item	#	Location
Doors, single	4	Building Addition #3
Double door w/windows	1	Building Addition #3
Window Unit, Large	19	Building Addition #3
Window Unit, Small	3	Building Addition #3

3.2 Work Plan:

3.2.1 PERMITS AND COMPLIANCE:

- A. The Contractor shall assume full responsibility and liability for compliance with all applicable Federal, State, and local laws, rules, and regulations pertaining to Work practices, protection of Workers, authorized visitors to the site, persons, and property adjacent to the Work.
- B. Perform PCB related Work in accordance with EPA Regulations at 40 CFR 761.1 (Toxic Substances Control Act), NHDES Hazardous Waste Regulations Chapter ENV-HW-400, OSHA Regulations at 29 CFR 1910.1000, as specified herein. Where more stringent requirements are specified, adhere to the more stringent requirements.
- C. The Contractor must maintain current certificates of training, licenses or registrations pursuant to OSHA, NHDES and EPA regulations for all Work related to this Project, including the removal, handling, transport, and disposal of hazardous and industrial waste.
- D. The Contractor shall be prepared to obtain an EPA ID number if so directed by the Owner.

3.2.2 WORK AREA PREPARATION:

- A. PCB caution signs shall be posted at all approaches to the PCB Work Area. Post all emergency exits as emergency exits only on the Work Area side, post with PCB caution signs on the non-Work Area side. Provide all non-Work Area stairs and corridors accessible to the PCB Work Area with warning tapes at the base of stairs and beginning of corridors. Warning tapes shall be in addition to caution signs.
- B. Access to areas of work shall be regulated to prevent unauthorized visitors.
- C. All ground surfaces exterior to the work area shall have a layer of 6 mil fire retardant polyethylene sheeting, attached to the building face and laid down on the surface below the exterior abatement work area, at least 10 feet wide or to the furthest point of gravity fall for dislodged debris by methods used, whichever is further. All operable windows within the work area and 25 ft. from all sides of the work area shall be closed. In the vicinity of the removals, isolate all HVAC equipment intakes by temporarily shutting down units during removals and installing plastic sheeting over the opening.

3.2.3 REMOVAL OF PCB MATERIALS:

- A. PCB-containing materials shall be removed in accordance with the Contract Documents and the approved PCB Work Plan.
- B. Non-PCB items such as masonry, and all other building construction and components from which PCB materials are removed shall be decontaminated by physical or chemical means (such as stripper) such that no *visible* residue remains. The removal of the PCB materials may require the use of scrapers, solvents, mastic removal chemicals, or other methods/procedures

to ensure complete removal. Post abatement verification sampling will be done on these surfaces in accordance with section 3.2.4 of this Plan.

- C. Mechanical cutting or grinding of PCB materials is not permitted, unless the equipment has factory- equipped HEPA filtered exhaust.
- D. Remove accessible caulking that could be disturbed before cutting building components, such as window frames.
- E. All removed PCB material shall be placed into 6 mil plastic disposal bags or other suitable container upon detachment from the substrate. Large components with PCB material or PCB residue shall be wrapped in one layer of 6 mil polyethylene sheeting. Sharp components likely to tear disposal bags shall be placed in fiber drums or boxes and then wrapped with sheeting.
- F. Power or pressure washers are not permitted for PCB removal or clean-up procedures.
- G. All construction and demolition debris determined by the Environmental Consultant to be contaminated with PCB shall be handled and disposed of as PCB waste. If the 40 CFR 761 Subpart S double wash-rinse technique is used to decontaminate non-porous surfaces such as movable equipment, tools, and sampling equipment, sampling is not required and the material may be considered non-PCB.
- H. All PCB waste must be located at or near the point of generation, under the control of the Project Supervisor. Up to 55 gallons may be stored at the point of generation for an indefinite period, but any more than 55 gallons must be moved within 3 days to a Container Storage Area (CSA) or off-site. Waste may be stored at the CSA for 90 days, during which labeling, inspections, and other requirements must be met as described in 40 CFR 761.
- I. Closure of the CSA. If an EPA ID number and CSA were created specifically for the PCB removal work, the Contractor must also close out the CSA and the Consultant shall notify the NHDES/EPA that the hazardous waste activity has concluded, and that the storage area is to be closed.
- J. Personal protective equipment, including respirators, shall be utilized and worn during all removal operations until the Work Area is cleared by the Abatement Project Monitor (APM).
- K. Following completion of gross abatement and after all accumulations of PCB waste materials have been containerized, the decontamination procedures in Section 3.2.4 shall be followed.

3.2.4 EQUIPMENT AND AREA DECONTAMINATION:

- A. When removal of PCB materials is completed, the decontamination process shall consist of vacuuming (with a HEPA filter), wet wiping/mopping and a repeated vacuuming (with a HEPA

filter) of the entire work area. All surfaces in and around the work area must be free of dust generated during the work.

- B. Decontaminate all tools and equipment before removal from the work area in accordance with 40 CFR 761 Subpart S double wash-rinse technique.
- C. Based on visual observation, if dust or debris has migrated through the dust barriers to areas of the building other than the immediate work area, those areas shall be incorporated into the work area and thoroughly decontaminated to ensure all visible dust generated by the activity is eliminated.
- D. Dust barriers and other protective sheeting shall be placed in disposable construction bags and disposed of as PCB Remediation Waste.
- E. Visually inspect the area for any remaining dust or debris. Vacuum (with HEPA filter) and wet wipe until space is clean. Dispose of vacuum contents as PCB Remediation Waste.
- F. Upon completion of decontamination and removing temporary dust barriers, a final inspection shall be performed by the Contractor and APM.

3.3 Schedule:

Planning work will commence once EPA approval is obtained. A definitive work schedule will be prepared once the project has been successfully bid and awarded.

3.4 Quality Control and Assurance Plan:

3.4.1 Post Abatement Verification Sampling:

Following the removal of all PCB Bulk Material, a visual inspection of the work site area will be performed to verify the removal of all such visible (caulk/paint) material and to collect confirmatory samples from the adjacent material substrate for laboratory analyses. A minimum of three representative samples will be collected from the window and door openings in Building Addition #3.

Samples of the adjacent material substrate will be collected using manual chiseling and/or drilling, placed in zip-lock bags and delivered to the lab under chain-of-custody protocol. See **Appendix C** for EPA Standard Operating Procedures for Sampling Porous Surfaces for PCBs.

3.4.2 Laboratory Methods & Associated QA/QC

The subcontracted laboratory will be National Environmental Laboratory Accreditation Program (NELAP) certified and follow EPA Method 3540C for soxhlet extractions and Method 8082 for gas chromatography analysis. A blind duplicate sample will be submitted at the 10% level. Intra-laboratory QA/QC data

including matrix spike recovery and duplicates will be reported. Any exceptions will be discussed in a lab report narrative.

All reported data will be validated for Precision, Accuracy, Representativeness, Completeness, Comparativeness, and Sensitivity (PARCCS). In lieu of established QA/QC parameters for caulk, brick, and mortar, the following accuracy and precision parameters for soil will be used to evaluate these data:

Table 3
Laboratory Quality Control Parameters

Analyte	Matrix	Analytical Method	Reporting Limit	Precision (RPD%)	Accuracy (% LSC rec)
Aroclor 1016	Soil	8082	500 µg/Kg	50	38-158
Aroclor 1221	Soil	8082	500 µg/Kg	50	38-158
Aroclor 1232	Soil	8082	500 µg/Kg	50	38-158
Aroclor 1242	Soil	8082	500 µg/Kg	50	38-158
Aroclor 1248	Soil	8082	500 µg/Kg	50	38-158
Aroclor 1254	Soil	8082	500 µg/Kg	50	38-158
Aroclor 1260	Soil	8082	500 µg/Kg	50	38-158

3.5 Contingency Plan:

In the event that concentrations of PCB Bulk Product Waste > 50 ppm is identified in remaining building materials following the post-cleanup quality control sampling, that material will also be removed in accordance with the objectives of the Plan.

In the event that concentrations of PCB Remediation Waste >1 ppm is identified in remaining building materials following cleanup, that material will also be removed.

4.0 Remedial Waste Management:

All PCB material removed for off-site disposal will be managed in accordance with section 3.2.3 of this plan until transported to the approved disposal facility. While on-site, the waste containers shall be labeled with PCB warning labels as specified at 40 CFR 761. The waste containers will be transported under a Uniform Hazardous Waste Manifest by a NHDES licensed transporter, and marked "Polychlorinated biphenyl, solid mixture UN 3432", in accordance with DOT 49 CFR Parts 171 and 172.

- All PCB Bulk Product Waste (e.g., windows, doors, and frame trim) will be disposed of at a RCRA Subtitle C facility approved to accept TSCA waste.
- All building materials or soil identified as PCB Remediation Waste will be disposed of at a RCRA Subtitle C or D facility approved to accept such waste.

- All Decontamination Wastes will be disposed of in the roll-off containers used for the disposal of Bulk Product Waste.

5.0 Maintenance and Monitoring:

No continuing maintenance or monitoring will be required.

6.0 Notifications and Public Involvement:

Copies of this abatement plan are being provided to The New Hampshire Department of Environmental Services and the Concord Department of Public Health concurrently with the submission to EPA. As the school will be vacant during the abatement and demolition process, public notification will be limited to these entities. Notification of the work schedule will be made at least one week in advance.

FIGURES

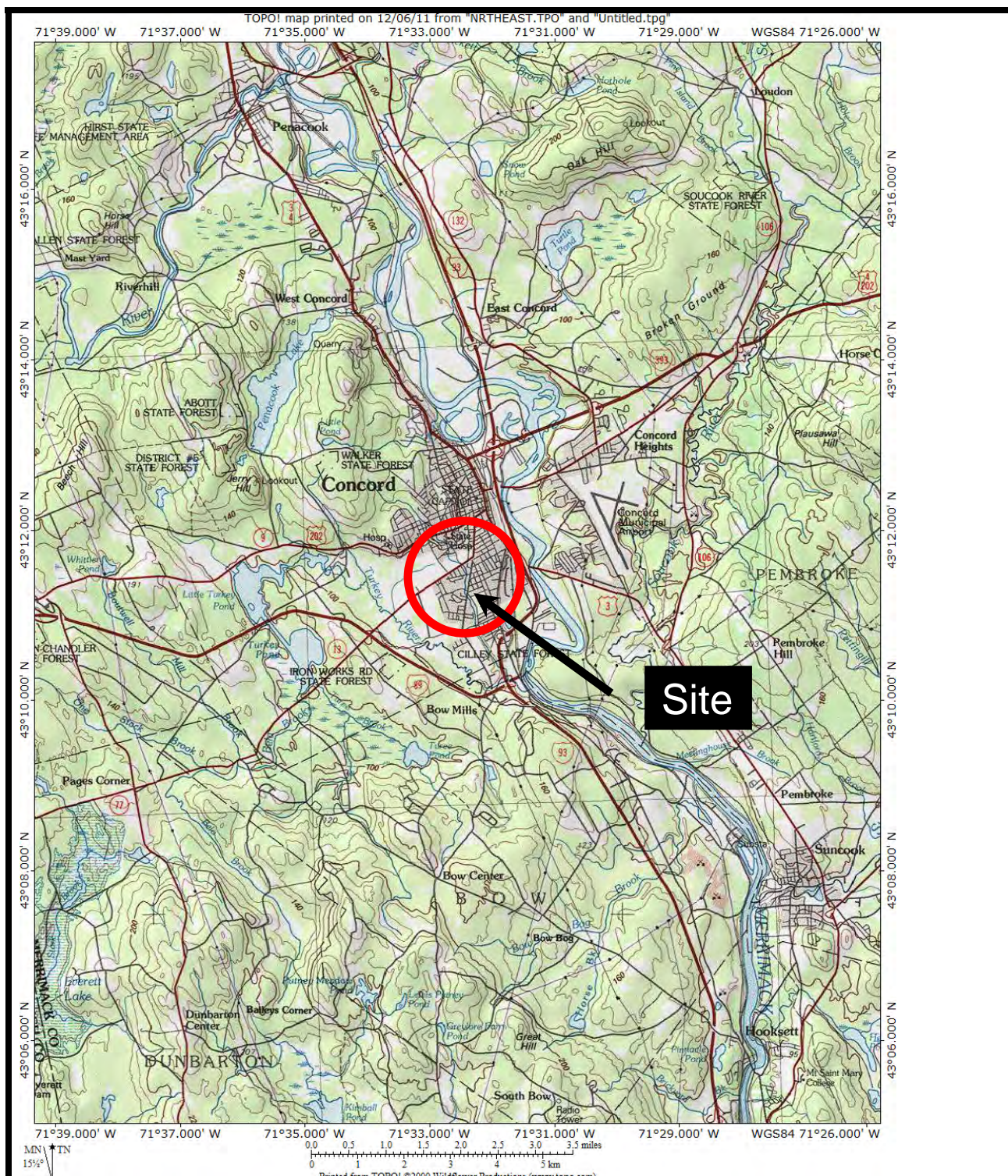


FIGURE 1

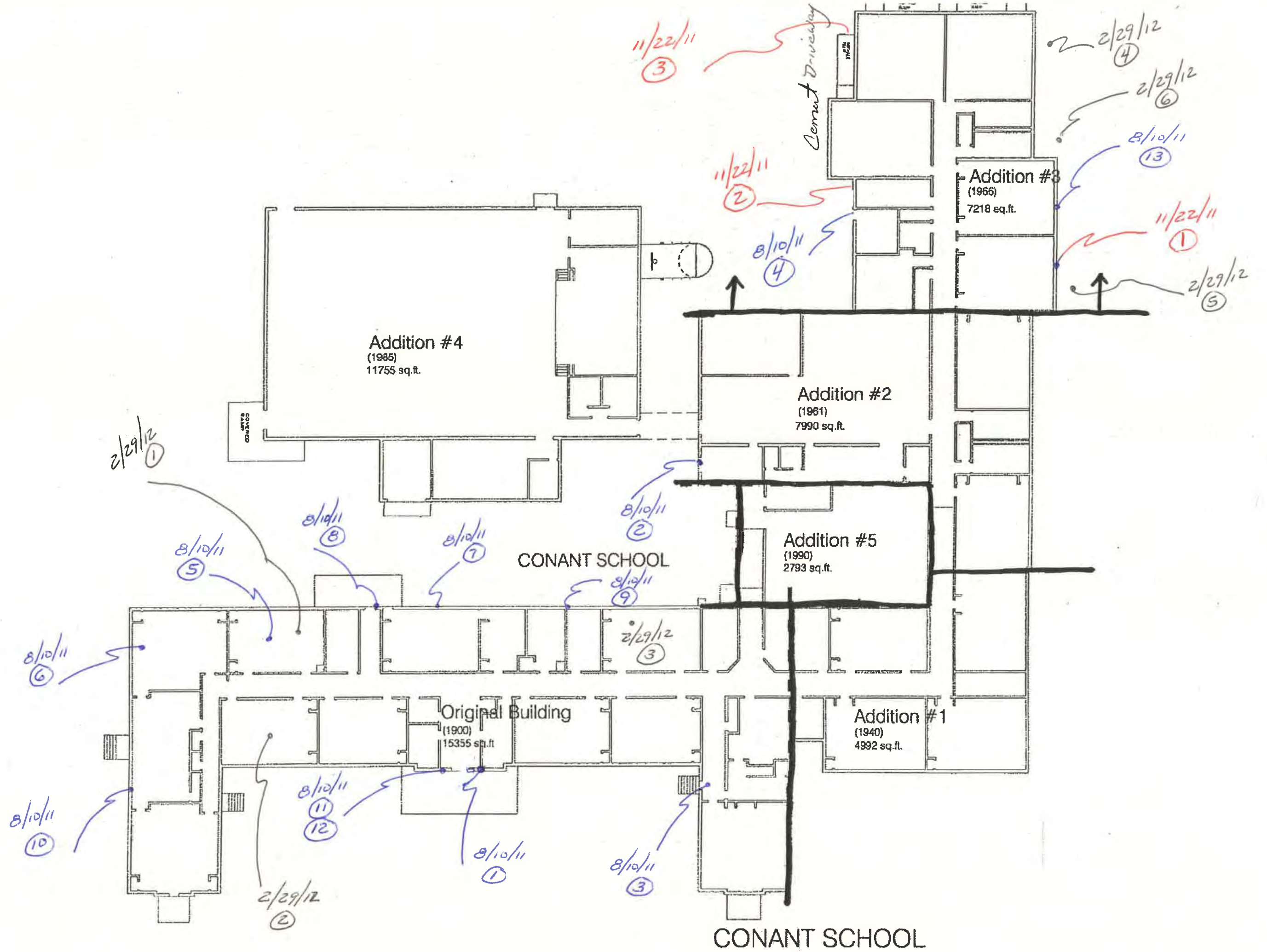
Site Locus

Conant School, 152 South Street
Concord, NH

**Lord Associates,
Inc.**

1506 Providence
Highway, Suite 30

Norwood, MA.
02062



APPENDIX A



Photo #1:	View of Front of Building and Addition #1
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Photo #2:	View of East Side Addition #3, location of sample #13
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Photo #3:	View of East Side Addition #3
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Photo #4:	Rear of Addition #3
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Photo #5:	View of Rear Addition #3
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Photo #6:	View of Rear Addition #3, west side, location of sample #4
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Photo #7:	View of Addition #2, looking south
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Photo #8:	View of Addition #4
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APPENDIX B

EMSL Analytical, Inc.

<http://www.emsl.com>

3 Cooper St.
Westmont, NJ 08108
Phone: (856) 858-4800
Fax: (856) 858-4571

EMSL

Attn: **Allan Mercier**
RPF Associates
320 First NH Turnpike
Northwood, NH 03261

Phone: (603) 942-5432
Fax: (603) 942-5300

3/15/2010

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 3/1/2010. The results are tabulated on the attached data pages for the following client designated project:

10.3610 - Conant

The reference number for these samples is EMSL Order #011000751. Please use this reference when calling about these samples. If you have any questions, please do not hesitate to contact me at (856) 858-4800.

Reviewed and Approved By:

Julie Smith
NEC/QA

Julie Smith - Laboratory Director or other approved
signatory



The test results contained within this report meet the requirements of NELAC and/or the specific certification program that is applicable, unless otherwise noted.
NJ-NELAP Accredited: 04653

The samples associated with this report were received in good condition unless otherwise noted. This report relates only to those items tested as received by the laboratory. The QC data associated with the sample results meet the recovery and precision requirements established by the NELAP, unless specifically indicated. All results for soil samples are reported on a dry weight basis, unless otherwise noted. This report may not be reproduced except in full and without written approval by EMSL Analytical, Inc.

TABLE 3
**HMFH
SAU 8-Conant School**
**Preliminary Analytical Results
For Polychlorinated Biphenyls (PCBs)**
Samples Collected: February 23, 2010

Sample ID	Sample Locations	PCB-1016 (ppm)	PCB-1221 (ppm)	PCB-1232 (ppm)	PCB-1242 (ppm)	PCB-1248 (ppm)	PCB-1254 (ppm)	PCB-1260 (ppm)	PCB-1262 (ppm)	PCB-1268 (ppm)
022310-B01	Caulking, southwest entry door in hallway, interior	<0.99	<0.99	<0.99	<0.99	<0.99	<0.99	<0.99	<0.99	<0.99
022310-B02	Caulking, south entry door in room 2	<0.99	<0.99	<0.99	<0.99	<0.99	<0.99	<0.99	<0.99	<0.99
022310-B03	Caulking, southwest entry door in hallway, exterior	<0.99	<0.99	<0.99	<0.99	<0.99	<0.99	<0.99	<0.99	<0.99
022310-B04	Caulking, old section bathroom sinks	<0.82	<0.82	<0.82	<0.82	<0.82	2.0	<0.82	<0.82	<0.82
022310-B05	Caulking, tan, hallway across from room 16 at building seam	<0.53	<0.53	<0.53	<0.53	<0.53	2.0	<0.53	<0.53	<0.53
022310-B06	Paint Chip, white, Boiler Room, Wall	<0.96	<0.96	<0.96	<0.96	<0.96	<0.96	<0.96	<0.96	<0.96
022310-B07	Paint Chip, Grey, Boiler Room, Stairs	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

10.3610 022310 PCB (b)

Notes:

- Results are presented as parts per million (ppm)
- Samples were analyzed per EPA Method 8082
- Samples marked with "(d)" indicate duplicate analyses for QA/QC.



www.emsl.com

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7 Constitution Way, Suite 107
Woburn, MA 01801
(781) 933-8411
(781) 933-8412 Fax

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4 Fairfield Blvd.
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(203) 284-5948
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EMSL - NY
307 West 38th Street
New York, NY 10018
(866) 448-3675
(212) 290-0058 Fax

EMSL - NJ
107 Haddon Avenue
Westmont, NJ 08108
(800) 220-3675
(856) 858-4960 Fax

Your Name:

ALLAN D MERCIER

Project Manager:

AM

Company:

RPF Associates, Inc.

Street:

320 First NH Turnpike

City/State/Zip:

Northwood, NH 03261

Phone:

603-942-5432

Fax: 603-942-5300

Email:

allan@airpf.com

Project Name

HMFH

Project #:

10.3610

Project Location:

CONANT

Project State (US):

NH

TURNAROUND TIME

☐ 3 Hours

☐ 6 Hours

☐ 12 Hours

☐ 24 Hours

☒ 48 Hours

☐ 72 Hours

☐ 4 Days

☐ 5 Days

☒ 6-10 Days

SAMPLE MATRIX

☐ Air

☒ Bulk

☐ Soil

☐ Wipe

☐ Micro-Vac

☐ Drinking Water

☐ Wastewater

☐ Chips

☒ Other

ASBESTOS ANALYSIS

PCM - Air

- ☐ NIOSH 7400 (A) Issue 2: August 1994
☐ OSHA w/TWA

TEM AIR

- ☐ AHERA 40 CFR, Part 763 Subpart E
☐ NIOSH 7402 Issue 2
☐ EPA Level II

PLM - Bulk

- ☐ EPA 800/R-93/116
☐ NY Stratified Point Count
☐ California Air Resource Board (CARB) 435
☐ NIOSH 9002
☐ PLM NOB (Gravimetric) NYS 198.1
☐ EPA Point Count (400 Points)
☐ EPA Point Count (1,000 Points)
☐ Standard Addition Point Count

SOILS

- ☐ EPA Protocol Qualitative
☐ EPA Protocol Quantitative
☐ EMSL MSD 9000 Method fibers/gram
☐ Superfund EPA 540-R097-028 (dust generation)

TEM BULK

- ☐ Drop Mount (Qualitative)
☐ Chatfield SOP-1988-02
☐ TEM NOB (Gravimetric) NY 198.4

TEM MICROVAC

- ☐ ASTM D 5755-95 (Quantitative)

TEM WIPE

- ☐ ASTM D-6480-99
☐ Qualitative

TEM WATER

- ☐ EPA 100.1
☐ EPA 100.2
☐ NYS 198.2
☐ Other

LEAD ANALYSIS

Flame Atomic Absorption

- ☐ Wipe, SW846-7420 ☐ ASTM ☐ non ASTM
☐ Soil, SW846-7420
☐ Air, NIOSH 7082
☐ Chips, SW846-7420 or AOAC 5.009 (974.02)
☐ Wastewater, SW 846-7420
☐ TCLP LEAD SW846-1311/7420

Graphite Furnace Atomic Absorption

- ☐ Air, NIOSH 7105
☐ Wastewater, SW846-7421
☐ Soil, SW846-7421
☐ Drinking Water, EPA 239.2

ICP - Inductively Coupled Plasma

- ☐ Wipe, SW846-6010 ☐ ASTM ☐ non ASTM
☐ Soil, SW846-6010
☐ Air, NIOSH 7300

MATERIALS ANALYSIS

- ☐ Full Particle Identification
☐ Optical Particle Identification
☐ Dust Mites and Insect Fragments
☐ Particle Size & Distribution
☐ Product Comparison
☐ Paint Characterization
☐ Failure Analysis
☐ Corrosion Analysis
☐ Glove Box Containment Study
☐ Petrographic Examination of Concrete
☐ Portland Cement in Workplace Atmospheres (OSHA ID-143)
☐ Man Made Vitreous Fibers - MMVF's
☐ Synthetic Fiber Identification
☒ Other: PCB IN CAULKING

MICROBIAL ANALYSIS

Air Samples

- ☐ Mold & Fungi by Air O Cell
☐ Mold & Fungi by Agar Plate count & id
☐ Bacterial Count and Gram Stain
☐ Bacterial Count and Identification

Water Samples

- ☐ Total Coliforms, Fecal Coliforms
☐ Escherichia Coli, Fecal Streptococcus
☐ Legionella

Salmonella

- ☐ Giardia and Cryptosporidium

Wipe and Bulk Samples

- ☐ Mold & Fungi - Direct Examination
☐ Mold & Fungi - (Culture follow up to direct examination if necessary)
☐ Mold & Fungi - Culture (Count & ID)
☐ Mold & Fungi - Culture (Count only)
☐ Bacterial Count & Gram Stain
☐ Bacterial Count & Identification (3 most prominent types)
☐ Other:

IAQ ANALYSIS

- ☐ Nuisance Dust (NIOSH 0500 & 0600)
☐ Airborne Dust (PM10, TSP)
☐ Silica Analysis by XRD ☐ Niosh 7500
☐ HVAC Efficiency
☐ Carbon Black
☐ Airborne Oil Mist
☐ Other:

Additional Information/Comments/Instructions:

Client Sample # (S)

022310B01

022310B05

TOTAL SAMPLE #

5

Relinquished:

ALLAN D MERCIER

Date:

2/26/00

Time:

UPS

Received:

E.D.

Date:

3/1/00

Time:

Relinquished:

Date:

Time:

Received:

Date:

Time:



EMSL - NJ
107 Haddon Avenue
Westmont, NJ 08108
(800) 220-3675
(856) 858-4960 Fax

SFP - Stop at First Positive per Homogeneous Group

Time:

Attn: **Allan Mercier**
RPF Associates
320 First NH Turnpike
Northwood, NH 03261

Fax: (603) 942-5300

Phone: (603) 942-5432

Project: 10.3610 - Conant

Customer ID: RPFA50

Customer PO:

Received: 03/01/10 8:19 AM

EMSL Order: 011000751

Analytical Results

Client Sample Description 022310B01
 Caulking

Collected: 2/23/2010 *Lab ID:* 0001

<i>Method</i>	<i>Parameter</i>	<i>Concentration</i>	<i>Reporting Limit</i>	<i>Units</i>	<i>Analysis Date</i>	<i>Analyst</i>
3540C/8082	Aroclor-1016	<0.99	0.99	mg/Kg	3/11/2010	ehernandez
3540C/8082	Aroclor-1221	<0.99	0.99	mg/Kg	3/11/2010	ehernandez
3540C/8082	Aroclor-1232	<0.99	0.99	mg/Kg	3/11/2010	ehernandez
3540C/8082	Aroclor-1242	<0.99	0.99	mg/Kg	3/11/2010	ehernandez
3540C/8082	Aroclor-1248	<0.99	0.99	mg/Kg	3/11/2010	ehernandez
3540C/8082	Aroclor-1254	<0.99	0.99	mg/Kg	3/11/2010	ehernandez
3540C/8082	Aroclor-1260	<0.99	0.99	mg/Kg	3/11/2010	ehernandez
3540C/8082	Aroclor-1262	<0.99	0.99	mg/Kg	3/11/2010	ehernandez
3540C/8082	Aroclor-1268	<0.99	0.99	mg/Kg	3/11/2010	ehernandez

ent Sample Description 022310B02
 Caulking

Collected: 2/23/2010 *Lab ID:* 0002

<i>Method</i>	<i>Parameter</i>	<i>Concentration</i>	<i>Reporting Limit</i>	<i>Units</i>	<i>Analysis Date</i>	<i>Analyst</i>
3540C/8082	Aroclor-1016	<0.99	0.99	mg/Kg	3/11/2010	ehernandez
3540C/8082	Aroclor-1221	<0.99	0.99	mg/Kg	3/11/2010	ehernandez
3540C/8082	Aroclor-1232	<0.99	0.99	mg/Kg	3/11/2010	ehernandez
3540C/8082	Aroclor-1242	<0.99	0.99	mg/Kg	3/11/2010	ehernandez
3540C/8082	Aroclor-1248	<0.99	0.99	mg/Kg	3/11/2010	ehernandez
3540C/8082	Aroclor-1254	<0.99	0.99	mg/Kg	3/11/2010	ehernandez
3540C/8082	Aroclor-1260	<0.99	0.99	mg/Kg	3/11/2010	ehernandez
3540C/8082	Aroclor-1262	<0.99	0.99	mg/Kg	3/11/2010	ehernandez
3540C/8082	Aroclor-1268	<0.99	0.99	mg/Kg	3/11/2010	ehernandez

Client Sample Description 022310B03
 Caulking

Collected: 2/23/2010 *Lab ID:* 0003

<i>Method</i>	<i>Parameter</i>	<i>Concentration</i>	<i>Reporting Limit</i>	<i>Units</i>	<i>Analysis Date</i>	<i>Analyst</i>
3540C/8082	Aroclor-1016	<0.99	0.99	mg/Kg	3/11/2010	ehernandez
3540C/8082	Aroclor-1221	<0.99	0.99	mg/Kg	3/11/2010	ehernandez
3540C/8082	Aroclor-1232	<0.99	0.99	mg/Kg	3/11/2010	ehernandez
3540C/8082	Aroclor-1242	<0.99	0.99	mg/Kg	3/11/2010	ehernandez
3540C/8082	Aroclor-1248	<0.99	0.99	mg/Kg	3/11/2010	ehernandez
3540C/8082	Aroclor-1254	<0.99	0.99	mg/Kg	3/11/2010	ehernandez
3540C/8082	Aroclor-1260	<0.99	0.99	mg/Kg	3/11/2010	ehernandez
3540C/8082	Aroclor-1262	<0.99	0.99	mg/Kg	3/11/2010	ehernandez

**EMSL Analytical, Inc.**

3 Cooper St., Westmont, NJ 08108

Phone: (856) 858-4800 Fax: (856) 858-4671 Email: jsmith@emsl.com

EMSL

Attn: **Allan Mercier**
RPF Associates
320 First NH Turnpike
Northwood, NH 03261

Customer ID: RPPA50
 Customer PO:
 Received: 03/01/10 8:19 AM
 EMSL Order: 011000751

Fax: (603) 942-5300 Phone: (603) 942-5432
 Project: 10.3610 - Conant

Analytical Results

Client Sample Description		022310B03 Caulking	Collected:	2/23/2010	Lab ID:	0003
Method	Parameter	Concentration	Reporting Limit	Units	Analysis Date	Analyst
3540C/8082	Aroclor-1268	<0.99	0.99	mg/Kg	3/11/2010	ehernandez
Client Sample Description		022310B04 Caulking	Collected:	2/23/2010	Lab ID:	0004
Method	Parameter	Concentration	Reporting Limit	Units	Analysis Date	Analyst
3540C/8082	Aroclor-1016	<0.82	0.82	mg/Kg	3/11/2010	ehernandez
3540C/8082	Aroclor-1221	<0.82	0.82	mg/Kg	3/11/2010	ehernandez
3540C/8082	Aroclor-1232	<0.82	0.82	mg/Kg	3/11/2010	ehernandez
3540C/8082	Aroclor-1242	<0.82	0.82	mg/Kg	3/11/2010	ehernandez
3540C/8082	Aroclor-1248	<0.82	0.82	mg/Kg	3/11/2010	ehernandez
3540C/8082	Aroclor-1254	0.95	0.82	mg/Kg	3/11/2010	ehernandez
3540C/8082	Aroclor-1260	<0.82	0.82	mg/Kg	3/11/2010	ehernandez
3540C/8082	Aroclor-1262	<0.82	0.82	mg/Kg	3/11/2010	ehernandez
3540C/8082	Aroclor-1268	<0.82	0.82	mg/Kg	3/11/2010	ehernandez
Client Sample Description		022310B05 Caulking	Collected:	2/23/2010	Lab ID:	0005
Method	Parameter	Concentration	Reporting Limit	Units	Analysis Date	Analyst
3540C/8082	Aroclor-1016	<0.53	0.53	mg/Kg	3/11/2010	ehernandez
3540C/8082	Aroclor-1221	<0.53	0.53	mg/Kg	3/11/2010	ehernandez
3540C/8082	Aroclor-1232	<0.53	0.53	mg/Kg	3/11/2010	ehernandez
3540C/8082	Aroclor-1242	<0.53	0.53	mg/Kg	3/11/2010	ehernandez
3540C/8082	Aroclor-1248	<0.53	0.53	mg/Kg	3/11/2010	ehernandez
3540C/8082	Aroclor-1254	2.0	0.53	mg/Kg	3/11/2010	ehernandez
3540C/8082	Aroclor-1260	<0.53	0.53	mg/Kg	3/11/2010	ehernandez
3540C/8082	Aroclor-1262	<0.53	0.53	mg/Kg	3/11/2010	ehernandez
3540C/8082	Aroclor-1268	<0.53	0.53	mg/Kg	3/11/2010	ehernandez
Client Sample Description		022310B06 Paint BR W	Collected:	2/23/2010	Lab ID:	0006
Method	Parameter	Concentration	Reporting Limit	Units	Analysis Date	Analyst
3540C/8082	Aroclor-1016	<0.96	0.96	mg/Kg	3/11/2010	ehernandez
3540C/8082	Aroclor-1221	<0.96	0.96	mg/Kg	3/11/2010	ehernandez

Attn: **Allan Mercier**
RPF Associates
320 First NH Turnpike
Northwood, NH 03261

Fax: (603) 942-5300

Phone: (603) 942-5432

Project: 10.3610 - Conant

Customer ID: RPFA50

Customer PO:

Received: 03/01/10 8:19 AM

EMSL Order: 011000751

Analytical Results

Client Sample Description 022310B06 *Collected:* 2/23/2010 *Lab ID:* 0006
 Paint BR W

<i>Method</i>	<i>Parameter</i>	<i>Concentration</i>	<i>Reporting</i>		<i>Analysis Date</i>	<i>Analyst</i>
			<i>Limit</i>	<i>Units</i>		
3540C/8082	Aroclor-1232	<0.96	0.96	mg/Kg	3/11/2010	ehernandez
3540C/8082	Aroclor-1242	<0.96	0.96	mg/Kg	3/11/2010	ehernandez
3540C/8082	Aroclor-1248	<0.96	0.96	mg/Kg	3/11/2010	ehernandez
3540C/8082	Aroclor-1254	<0.96	0.96	mg/Kg	3/11/2010	ehernandez
3540C/8082	Aroclor-1260	<0.96	0.96	mg/Kg	3/11/2010	ehernandez
3540C/8082	Aroclor-1262	<0.96	0.96	mg/Kg	3/11/2010	ehernandez
3540C/8082	Aroclor-1268	<0.96	0.96	mg/Kg	3/11/2010	ehernandez

Client Sample Description 022310B07 *Collected:* 2/23/2010 *Lab ID:* 0007
 Paint Grey B.R. Stairs

<i>Method</i>	<i>Parameter</i>	<i>Concentration</i>	<i>Reporting</i>		<i>Analysis Date</i>	<i>Analyst</i>
			<i>Limit</i>	<i>Units</i>		
3540C/8082	Aroclor-1016	<1.0	1.0	mg/Kg	3/11/2010	ehernandez
3540C/8082	Aroclor-1221	<1.0	1.0	mg/Kg	3/11/2010	ehernandez
3540C/8082	Aroclor-1232	<1.0	1.0	mg/Kg	3/11/2010	ehernandez
3540C/8082	Aroclor-1242	<1.0	1.0	mg/Kg	3/11/2010	ehernandez
3540C/8082	Aroclor-1248	<1.0	1.0	mg/Kg	3/11/2010	ehernandez
3540C/8082	Aroclor-1254	<1.0	1.0	mg/Kg	3/11/2010	ehernandez
3540C/8082	Aroclor-1260	<1.0	1.0	mg/Kg	3/11/2010	ehernandez
3540C/8082	Aroclor-1262	<1.0	1.0	mg/Kg	3/11/2010	ehernandez
3540C/8082	Aroclor-1268	<1.0	1.0	mg/Kg	3/11/2010	ehernandez

EMSL Analytical, Inc.

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EMSL

Attn: **Ammar Dieb**
Universal Environmental Consultants
12 Brewster Road
Framingham, MA 01702

Phone: (508) 628-5486

Fax: (508) 628-5488

8/25/2011

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 8/11/2011. The results are tabulated on the attached data pages for the following client designated project:

Concord, NH Conant Elem. School

The reference number for these samples is EMSL Order #011104037. Please use this reference when calling about these samples. If you have any questions, please do not hesitate to contact me at (856) 858-4800.

Reviewed and Approved By:



Julie Smith - Laboratory Director or other approved
signatory



The test results contained within this report meet the requirements of NELAC and/or the specific certification program that is applicable, unless otherwise noted.

NELAP Certifications: NJ 04653, NY 10896, PA 68-00367

The samples associated with this report were received in good condition unless otherwise noted. This report relates only to those items tested as received by the laboratory. The QC data associated with the sample results meet the recovery and precision requirements established by the NELAP, unless specifically indicated. All results for soil samples are reported on a dry weight basis, unless otherwise noted. This report may not be reproduced except in full and without written approval by EMSL Analytical, Inc.

EMSL Analytical does not hold certification for Solid Waste in the state of New Hampshire.

**EMSL Analytical, Inc.**

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Email: jsmith@emsl.com

EMSL

SM

Attn: **Ammar Dieb**
Universal Environmental Consultants
12 Brewster Road
Framingham, MA 01702

Customer ID: UEC63
Customer PO:
Received: 08/11/11 3:00 PM
EMSL Order: 011104037

Fax: (508) 628-5488

Phone: (508) 628-5486

Project: **Concord, NH Conant Elem. School****Analytical Results**

Client Sample Description 1
white paint (wp) orig bldg main ent, wood column

Collected: 8/10/2011 **Lab ID:** 0001

Method	Parameter	Result	Reporting		Analysis Date	Analyst
			Limit	Units		
3540C/8082	Aroclor-1016	ND	0.50	mg/Kg	8/18/2011	ehernandez
3540C/8082	Aroclor-1221	ND	0.50	mg/Kg	8/18/2011	ehernandez
3540C/8082	Aroclor-1232	ND	0.50	mg/Kg	8/18/2011	ehernandez
3540C/8082	Aroclor-1242	ND	0.50	mg/Kg	8/18/2011	ehernandez
3540C/8082	Aroclor-1248	ND	0.50	mg/Kg	8/18/2011	ehernandez
3540C/8082	Aroclor-1254	5.3	0.50	mg/Kg	8/18/2011	ehernandez
Aroclor 1254 was detected in the method blank slightly above the reporting limit, therefore the result may be biased high. Sample was depleted during extraction.						
3540C/8082	Aroclor-1260	ND	0.50	mg/Kg	8/18/2011	ehernandez
3540C/8082	Aroclor-1262	ND	0.50	mg/Kg	8/18/2011	ehernandez
3540C/8082	Aroclor-1268	ND	0.50	mg/Kg	8/18/2011	ehernandez

Client Sample Description 2
wp additon #2, wood window column

Collected: 8/10/2011 **Lab ID:** 0002

Method	Parameter	Result	Reporting		Analysis Date	Analyst
			Limit	Units		
3540C/8082	Aroclor-1016	ND	0.49	mg/Kg	8/23/2011	ehernandez
3540C/8082	Aroclor-1221	ND	0.49	mg/Kg	8/23/2011	ehernandez
3540C/8082	Aroclor-1232	ND	0.49	mg/Kg	8/23/2011	ehernandez
3540C/8082	Aroclor-1242	ND	0.49	mg/Kg	8/23/2011	ehernandez
3540C/8082	Aroclor-1248	ND	0.49	mg/Kg	8/23/2011	ehernandez
3540C/8082	Aroclor-1254	ND	0.49	mg/Kg	8/23/2011	ehernandez
3540C/8082	Aroclor-1260	ND	0.49	mg/Kg	8/23/2011	ehernandez
3540C/8082	Aroclor-1262	ND	0.49	mg/Kg	8/23/2011	ehernandez
3540C/8082	Aroclor-1268	ND	0.49	mg/Kg	8/23/2011	ehernandez

Client Sample Description 3
wp original bldg, side entrance

Collected: 8/10/2011 **Lab ID:** 0003

Method	Parameter	Result	Reporting		Analysis Date	Analyst
			Limit	Units		
3540C/8082	Aroclor-1016	ND	0.50	mg/Kg	8/18/2011	ehernandez
3540C/8082	Aroclor-1221	ND	0.50	mg/Kg	8/18/2011	ehernandez
3540C/8082	Aroclor-1232	ND	0.50	mg/Kg	8/18/2011	ehernandez
3540C/8082	Aroclor-1242	ND	0.50	mg/Kg	8/18/2011	ehernandez

**EMSL Analytical, Inc.**

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EMSL

SM

Attn: **Ammar Dieb**
Universal Environmental Consultants
12 Brewster Road
Framingham, MA 01702

Customer ID: UEC63
 Customer PO:
 Received: 08/11/11 3:00 PM
 EMSL Order: 011104037

Fax: (508) 628-5488 Phone: (508) 628-5486
 Project: Concord, NH Conant Elem. School

Analytical Results

Client Sample Description		3	Collected:		8/10/2011	Lab ID:		0003
wp original bldg, side entrance								
Method	Parameter	Result	Reporting Limit	Units	Analysis Date	Analyst		
3540C/8082	Aroclor-1248	ND	0.50	mg/Kg	8/18/2011	ehernandez		
3540C/8082	Aroclor-1254	ND	0.50	mg/Kg	8/18/2011	ehernandez		
3540C/8082	Aroclor-1260	ND	0.50	mg/Kg	8/18/2011	ehernandez		
3540C/8082	Aroclor-1262	ND	0.50	mg/Kg	8/18/2011	ehernandez		
3540C/8082	Aroclor-1268	ND	0.50	mg/Kg	8/18/2011	ehernandez		
Client Sample Description		4	Collected:		8/10/2011	Lab ID:		0004
wp additional #3, old wood door fr.								
Method	Parameter	Result	Reporting Limit	Units	Analysis Date	Analyst		
3540C/8082	Aroclor-1016	ND	12	mg/Kg	8/18/2011	ehernandez		
3540C/8082	Aroclor-1221	ND	12	mg/Kg	8/18/2011	ehernandez		
3540C/8082	Aroclor-1232	ND	12	mg/Kg	8/18/2011	ehernandez		
3540C/8082	Aroclor-1242	ND	12	mg/Kg	8/18/2011	ehernandez		
3540C/8082	Aroclor-1248	ND	12	mg/Kg	8/18/2011	ehernandez		
3540C/8082	Aroclor-1254	96	12	mg/Kg	8/18/2011	ehernandez		
Aroclor 1254 was detected in the method blank slightly above the reporting limit, therefore the result may be biased high. Sample was depleted during extraction.								
3540C/8082	Aroclor-1260	ND	12	mg/Kg	8/18/2011	ehernandez		
3540C/8082	Aroclor-1262	ND	12	mg/Kg	8/18/2011	ehernandez		
3540C/8082	Aroclor-1268	ND	12	mg/Kg	8/18/2011	ehernandez		
Client Sample Description		5	Collected:		8/10/2011	Lab ID:		0005
wp clg @ c'rm #5								
Method	Parameter	Result	Reporting Limit	Units	Analysis Date	Analyst		
3540C/8082	Aroclor-1016	ND	0.49	mg/Kg	8/18/2011	ehernandez		
3540C/8082	Aroclor-1221	ND	0.49	mg/Kg	8/18/2011	ehernandez		
3540C/8082	Aroclor-1232	ND	0.49	mg/Kg	8/18/2011	ehernandez		
3540C/8082	Aroclor-1242	ND	0.49	mg/Kg	8/18/2011	ehernandez		
3540C/8082	Aroclor-1248	ND	0.49	mg/Kg	8/18/2011	ehernandez		
3540C/8082	Aroclor-1254	1.1	0.49	mg/Kg	8/18/2011	ehernandez		
Aroclor 1254 was detected in the method blank slightly above the reporting limit, therefore the result may be biased high. Sample was depleted during extraction.								

**EMSL Analytical, Inc.**

3 Cooper St., Westmont, NJ 08108

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EMSL

SM

Attn: **Ammar Dieb**
Universal Environmental Consultants
12 Brewster Road
Framingham, MA 01702

Customer ID: UEC63
Customer PO:
Received: 08/11/11 3:00 PM
EMSL Order: 011104037

Fax: (508) 628-5488 Phone: (508) 628-5486
Project: Concord, NH Conant Elem. School

Analytical Results

Client Sample Description 5 **Collected:** 8/10/2011 **Lab ID:** 0005
wp clg @ c'rm #5

Method	Parameter	Result	Reporting Limit	Units	Analysis Date	Analyst
3540C/8082	Aroclor-1260	ND	0.49	mg/Kg	8/18/2011	ehernandez
3540C/8082	Aroclor-1262	ND	0.49	mg/Kg	8/18/2011	ehernandez
3540C/8082	Aroclor-1268	ND	0.49	mg/Kg	8/18/2011	ehernandez

Client Sample Description 6 **Collected:** 8/10/2011 **Lab ID:** 0006
wp on radiator shield, c'rm #7

Method	Parameter	Result	Reporting Limit	Units	Analysis Date	Analyst
3540C/8082	Aroclor-1016	ND	0.48	mg/Kg	8/18/2011	ehernandez
3540C/8082	Aroclor-1221	ND	0.48	mg/Kg	8/18/2011	ehernandez
3540C/8082	Aroclor-1232	ND	0.48	mg/Kg	8/18/2011	ehernandez
3540C/8082	Aroclor-1242	ND	0.48	mg/Kg	8/18/2011	ehernandez
3540C/8082	Aroclor-1248	ND	0.48	mg/Kg	8/18/2011	ehernandez
3540C/8082	Aroclor-1254	ND	0.48	mg/Kg	8/18/2011	ehernandez
3540C/8082	Aroclor-1260	ND	0.48	mg/Kg	8/18/2011	ehernandez
3540C/8082	Aroclor-1262	ND	0.48	mg/Kg	8/18/2011	ehernandez
3540C/8082	Aroclor-1268	ND	0.48	mg/Kg	8/18/2011	ehernandez

Client Sample Description 7 **Collected:** 8/10/2011 **Lab ID:** 0007
horiz. Win frame caulk orig bldg rear

Method	Parameter	Result	Reporting Limit	Units	Analysis Date	Analyst
3540C/8082	Aroclor-1016	ND	0.50	mg/Kg	8/18/2011	ehernandez
3540C/8082	Aroclor-1221	ND	0.50	mg/Kg	8/18/2011	ehernandez
3540C/8082	Aroclor-1232	ND	0.50	mg/Kg	8/18/2011	ehernandez
3540C/8082	Aroclor-1242	ND	0.50	mg/Kg	8/18/2011	ehernandez
3540C/8082	Aroclor-1248	ND	0.50	mg/Kg	8/18/2011	ehernandez
3540C/8082	Aroclor-1254	ND	0.50	mg/Kg	8/18/2011	ehernandez
3540C/8082	Aroclor-1260	ND	0.50	mg/Kg	8/18/2011	ehernandez
3540C/8082	Aroclor-1262	ND	0.50	mg/Kg	8/18/2011	ehernandez
3540C/8082	Aroclor-1268	ND	0.50	mg/Kg	8/18/2011	ehernandez

**EMSL Analytical, Inc.**

3 Cooper St., Westmont, NJ 08108

Phone: (856) 858-4800 Fax: (856) 858-4571 Email: jsmith@emsl.com

EMSL

SM

Attn: **Ammar Dieb**
Universal Environmental Consultants
12 Brewster Road
Framingham, MA 01702

Customer ID: UEC63
 Customer PO:
 Received: 08/11/11 3:00 PM
 EMSL Order: 011104037

Fax: (508) 628-5488 Phone: (508) 628-5486

Project: **Concord, NH Conant Elem. School**

Analytical Results

<i>Client Sample Description</i>		8	<i>Collected:</i>		8/10/2011	<i>Lab ID:</i> 0008	
		old door fr caulk orig bldg rear					
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>Reporting Limit</i>		<i>Units</i>	<i>Analysis Date</i>	<i>Analyst</i>
3540C/8082	Aroclor-1016	ND	0.50	mg/Kg		8/18/2011	ehernandez
3540C/8082	Aroclor-1221	ND	0.50	mg/Kg		8/18/2011	ehernandez
3540C/8082	Aroclor-1232	ND	0.50	mg/Kg		8/18/2011	ehernandez
3540C/8082	Aroclor-1242	ND	0.50	mg/Kg		8/18/2011	ehernandez
3540C/8082	Aroclor-1248	ND	0.50	mg/Kg		8/18/2011	ehernandez
3540C/8082	Aroclor-1254	ND	0.50	mg/Kg		8/18/2011	ehernandez
3540C/8082	Aroclor-1260	ND	0.50	mg/Kg		8/18/2011	ehernandez
3540C/8082	Aroclor-1262	ND	0.50	mg/Kg		8/18/2011	ehernandez
3540C/8082	Aroclor-1268	ND	0.50	mg/Kg		8/18/2011	ehernandez
<i>Client Sample Description</i>		9	<i>Collected:</i>		8/10/2011	<i>Lab ID:</i> 0009	
		window vert fr caulk orig bldg rear					
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>Reporting Limit</i>		<i>Units</i>	<i>Analysis Date</i>	<i>Analyst</i>
3540C/8082	Aroclor-1016	ND	0.49	mg/Kg		8/18/2011	ehernandez
3540C/8082	Aroclor-1221	ND	0.49	mg/Kg		8/18/2011	ehernandez
3540C/8082	Aroclor-1232	ND	0.49	mg/Kg		8/18/2011	ehernandez
3540C/8082	Aroclor-1242	ND	0.49	mg/Kg		8/18/2011	ehernandez
3540C/8082	Aroclor-1248	ND	0.49	mg/Kg		8/18/2011	ehernandez
3540C/8082	Aroclor-1254	ND	0.49	mg/Kg		8/18/2011	ehernandez
3540C/8082	Aroclor-1260	ND	0.49	mg/Kg		8/18/2011	ehernandez
3540C/8082	Aroclor-1262	ND	0.49	mg/Kg		8/18/2011	ehernandez
3540C/8082	Aroclor-1268	ND	0.49	mg/Kg		8/18/2011	ehernandez
<i>Client Sample Description</i>		10	<i>Collected:</i>		8/10/2011	<i>Lab ID:</i> 0010	
		window fr caulk orig bldg side entrance					
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>Reporting Limit</i>		<i>Units</i>	<i>Analysis Date</i>	<i>Analyst</i>
3540C/8082	Aroclor-1016	ND	0.49	mg/Kg		8/18/2011	ehernandez
3540C/8082	Aroclor-1221	ND	0.49	mg/Kg		8/18/2011	ehernandez
3540C/8082	Aroclor-1232	ND	0.49	mg/Kg		8/18/2011	ehernandez
3540C/8082	Aroclor-1242	ND	0.49	mg/Kg		8/18/2011	ehernandez
3540C/8082	Aroclor-1248	ND	0.49	mg/Kg		8/18/2011	ehernandez
3540C/8082	Aroclor-1254	ND	0.49	mg/Kg		8/18/2011	ehernandez
3540C/8082	Aroclor-1260	ND	0.49	mg/Kg		8/18/2011	ehernandez
3540C/8082	Aroclor-1262	ND	0.49	mg/Kg		8/18/2011	ehernandez

**EMSL Analytical, Inc.**

3 Cooper St., Westmont, NJ 08108

Phone: (856) 858-4800 Fax: (856) 858-4571 Email: jsmith@emsl.com

EMSL

SM

Attn: **Ammar Dieb**
Universal Environmental Consultants
12 Brewster Road
Framingham, MA 01702

Customer ID: UEC63
 Customer PO:
 Received: 08/11/11 3:00 PM
 EMSL Order: 011104037

Fax: (508) 628-5488 Phone: (508) 628-5486
 Project: **Concord, NH Conant Elem. School**

Analytical Results

Client Sample Description 10 **Collected:** 8/10/2011 **Lab ID:** 0010
 window fr caulk orig bldg side entrance

Method	Parameter	Result	Reporting		Analysis Date	Analyst
			Limit	Units		
3540C/8082	Aroclor-1268	ND	0.49	mg/Kg	8/18/2011	ehernandez

Client Sample Description 11 **Collected:** 8/10/2011 **Lab ID:** 0011
 Top Layer caulk bet wood column and brick

Method	Parameter	Result	Reporting		Analysis Date	Analyst
			Limit	Units		
3540C/8082	Aroclor-1016	ND	0.50	mg/Kg	8/17/2011	ehernandez
3540C/8082	Aroclor-1221	ND	0.50	mg/Kg	8/17/2011	ehernandez
3540C/8082	Aroclor-1232	ND	0.50	mg/Kg	8/17/2011	ehernandez
3540C/8082	Aroclor-1242	ND	0.50	mg/Kg	8/17/2011	ehernandez
3540C/8082	Aroclor-1248	ND	0.50	mg/Kg	8/17/2011	ehernandez
3540C/8082	Aroclor-1254	ND	0.50	mg/Kg	8/17/2011	ehernandez
3540C/8082	Aroclor-1260	ND	0.50	mg/Kg	8/17/2011	ehernandez
3540C/8082	Aroclor-1262	ND	0.50	mg/Kg	8/17/2011	ehernandez
3540C/8082	Aroclor-1268	ND	0.50	mg/Kg	8/17/2011	ehernandez

Client Sample Description 12 **Collected:** 8/10/2011 **Lab ID:** 0012
 old caulk bet wood column & brick main ent orig

Method	Parameter	Result	Reporting		Analysis Date	Analyst
			Limit	Units		
3540C/8082	Aroclor-1016	ND	0.49	mg/Kg	8/17/2011	ehernandez
3540C/8082	Aroclor-1221	ND	0.49	mg/Kg	8/17/2011	ehernandez
3540C/8082	Aroclor-1232	ND	0.49	mg/Kg	8/17/2011	ehernandez
3540C/8082	Aroclor-1242	ND	0.49	mg/Kg	8/17/2011	ehernandez
3540C/8082	Aroclor-1248	ND	0.49	mg/Kg	8/17/2011	ehernandez
3540C/8082	Aroclor-1254	ND	0.49	mg/Kg	8/17/2011	ehernandez
3540C/8082	Aroclor-1260	ND	0.49	mg/Kg	8/17/2011	ehernandez
3540C/8082	Aroclor-1262	ND	0.49	mg/Kg	8/17/2011	ehernandez
3540C/8082	Aroclor-1268	ND	0.49	mg/Kg	8/17/2011	ehernandez

Client Sample Description 13 **Collected:** 8/10/2011 **Lab ID:** 0013
 window fr caulk addition #3

Method	Parameter	Result	Reporting		Analysis Date	Analyst
			Limit	Units		
3540C/8082	Aroclor-1016	ND	37	mg/Kg	8/18/2011	ehernandez
3540C/8082	Aroclor-1221	ND	37	mg/Kg	8/18/2011	ehernandez

**EMSL Analytical, Inc.**

3 Cooper St., Westmont, NJ 08108

Phone: (856) 858-4800 Fax: (856) 858-4571 Email: jsmith@emsl.com

EMSL

SM

Attn: **Ammar Dieb**
Universal Environmental Consultants
12 Brewster Road
Framingham, MA 01702

Customer ID: UEC63
Customer PO:
Received: 08/11/11 3:00 PM
EMSL Order: 011104037

Fax: (508) 628-5488 Phone: (508) 628-5486
Project: Concord, NH Conant Elem. School

Analytical Results

Client Sample Description 13 *Collected:* 8/10/2011 *Lab ID:* 0013
window fr caulk addition #3

<i>Method</i>	<i>Parameter</i>	<i>Reporting</i>			<i>Analysis Date</i>	<i>Analyst</i>
		<i>Result</i>	<i>Limit</i>	<i>Units</i>		
3540C/8082	Aroclor-1232	ND	37	mg/Kg	8/18/2011	ehernandez
3540C/8082	Aroclor-1242	ND	37	mg/Kg	8/18/2011	ehernandez
3540C/8082	Aroclor-1248	ND	37	mg/Kg	8/18/2011	ehernandez
3540C/8082	Aroclor-1254	220	37	mg/Kg	8/18/2011	ehernandez
3540C/8082	Aroclor-1260	ND	37	mg/Kg	8/18/2011	ehernandez
3540C/8082	Aroclor-1262	ND	37	mg/Kg	8/18/2011	ehernandez
3540C/8082	Aroclor-1268	ND	37	mg/Kg	8/18/2011	ehernandez

Definitions:

ND - indicates that the analyte was not detected at the reporting limit

011104037

CHAIN OF CUSTODY

Universal Environmental Consultants

12 Brewster Road

Framingham, MA 01702

Tel: (508) 628-5486 - Fax: (508) 628-5488

adieb@uec-env.com

For PCB

samples #1 - #4 = exterior

#5, #6 = interior

#7 - #13 = exterior

Town/City: Concord, NH Building Name: Conant Elem. School

Sample	Result	Description of Material	Sample Location
1		white paint (WP)	original bldg
2		WP	MAIN ENTRANCE, wood column
			addition #2, wood window column
3		WP	original bldg, side entrance
4		WP	addition #3, old wood door fr
5		WP	clg @ circ #5
6		WP	on radiator shield, circ #7
7		apriz. window frame caulk	orig bldg rear
8		old door fr caulk	orig bldg rear
9		vert window fr caulk	orig bldg rear
10		window fr caulk	orig bldg side entrance
11		Top Layer caulk (on old caulk) between wood column (main entrance) and brick - orig bldg	
12		old caulk between wood column & brick	MAIN ENTRANCE orig bldg
13		window fr caulk	addition #3

Reported By: James Bass Date: 08/10/11Due Date: todayReceived By: [Signature] Date: 8/11/11 3:00pm

8/11/11 Per Amman NO Certif Needed OK

UNIVERSAL ENVIRONMENTAL CONSULTANTS

EMSL Analytical, Inc.

<http://www.emsl.com>

3 Cooper St.
Westmont, NJ 08108
Phone: (856) 858-4800
Fax: (856) 858-4571



Attn: **Ammar Dieb**
Universal Environmental Consultants
12 Brewster Road
Framingham, MA 01702

12/1/2011

Phone: (508) 628-5486
Fax: (508) 628-5488

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 11/23/2011. The results are tabulated on the attached data pages for the following client designated project:

Conant School Addition 3

The reference number for these samples is EMSL Order #011105932. Please use this reference when calling about these samples. If you have any questions, please do not hesitate to contact me at (856) 858-4800.

Reviewed and Approved By:

Julie Smith - Laboratory Director or other approved signatory



The test results contained within this report meet the requirements of NELAP and/or the specific certification program that is applicable, unless otherwise noted.

NELAP Certifications: NJ 04653, NY 10896, PA 68-00367

The samples associated with this report were received in good condition unless otherwise noted. This report relates only to those items tested as received by the laboratory. The QC data associated with the sample results meet the recovery and precision requirements established by the NELAP, unless specifically indicated. All results for soil samples are reported on a dry weight basis, unless otherwise noted. This report may not be reproduced except in full and without written approval by EMSL Analytical, Inc.

**EMSL Analytical, Inc.**

3 Cooper St., Westmont, NJ 08108

Phone: (856) 858-4800

Fax: (856) 858-4571

Email: jsmith@emsl.com

EMSL

SM

Attn: **Ammar Dieb**
Universal Environmental Consultants
12 Brewster Road
Framingham, MA 01702

Customer ID: UEC63

Customer PO:

Received: 11/23/11 12:00 PM

EMSL Order: 011105932

Fax: (508) 628-5488

Phone: (508) 628-5486

Project: **Conant School Addition 3****Analytical Results**

Client Sample Description **1** **Collected:** 11/22/2011 **Lab ID:** 0001

North Window Frame

Method	Parameter	Result	Reporting		Analysis Date	Analyst
			Limit	Units		
3540C/8082	Aroclor-1016	ND	0.49	mg/Kg	11/28/2011	ehernandez
3540C/8082	Aroclor-1221	ND	0.49	mg/Kg	11/28/2011	ehernandez
3540C/8082	Aroclor-1232	ND	0.49	mg/Kg	11/28/2011	ehernandez
3540C/8082	Aroclor-1242	ND	0.49	mg/Kg	11/28/2011	ehernandez
3540C/8082	Aroclor-1248	ND	0.49	mg/Kg	11/28/2011	ehernandez
3540C/8082	Aroclor-1254	ND	0.49	mg/Kg	11/28/2011	ehernandez
3540C/8082	Aroclor-1260	ND	0.49	mg/Kg	11/28/2011	ehernandez
3540C/8082	Aroclor-1262	ND	0.49	mg/Kg	11/28/2011	ehernandez
3540C/8082	Aroclor-1268	ND	0.49	mg/Kg	11/28/2011	ehernandez

Client Sample Description **2** **Collected:** 11/22/2011 **Lab ID:** 0002

South Window Frame

Method	Parameter	Result	Reporting		Analysis Date	Analyst
			Limit	Units		
3540C/8082	Aroclor-1016	ND	0.50	mg/Kg	11/28/2011	ehernandez
3540C/8082	Aroclor-1221	ND	0.50	mg/Kg	11/28/2011	ehernandez
3540C/8082	Aroclor-1232	ND	0.50	mg/Kg	11/28/2011	ehernandez
3540C/8082	Aroclor-1242	ND	0.50	mg/Kg	11/28/2011	ehernandez
3540C/8082	Aroclor-1248	ND	0.50	mg/Kg	11/28/2011	ehernandez
3540C/8082	Aroclor-1254	ND	0.50	mg/Kg	11/28/2011	ehernandez
3540C/8082	Aroclor-1260	ND	0.50	mg/Kg	11/28/2011	ehernandez
3540C/8082	Aroclor-1262	ND	0.50	mg/Kg	11/28/2011	ehernandez
3540C/8082	Aroclor-1268	ND	0.50	mg/Kg	11/28/2011	ehernandez

Client Sample Description **3** **Collected:** 11/22/2011 **Lab ID:** 0003

Southwest Corner Door Frame

Method	Parameter	Result	Reporting		Analysis Date	Analyst
			Limit	Units		
3540C/8082	Aroclor-1016	ND	0.49	mg/Kg	11/28/2011	ehernandez
3540C/8082	Aroclor-1221	ND	0.49	mg/Kg	11/28/2011	ehernandez
3540C/8082	Aroclor-1232	ND	0.49	mg/Kg	11/28/2011	ehernandez
3540C/8082	Aroclor-1242	ND	0.49	mg/Kg	11/28/2011	ehernandez
3540C/8082	Aroclor-1248	ND	0.49	mg/Kg	11/28/2011	ehernandez
3540C/8082	Aroclor-1254	ND	0.49	mg/Kg	11/28/2011	ehernandez
3540C/8082	Aroclor-1260	ND	0.49	mg/Kg	11/28/2011	ehernandez
3540C/8082	Aroclor-1262	ND	0.49	mg/Kg	11/28/2011	ehernandez

**EMSL Analytical, Inc.**

3 Cooper St., Westmont, NJ 08108

Phone: (856) 858-4800 Fax: (856) 858-4571 Email: jsmith@emsl.com



Attn: **Ammar Dieb**
Universal Environmental Consultants
12 Brewster Road
Framingham, MA 01702

Customer ID: UEC63
Customer PO:
Received: 11/23/11 12:00 PM
EMSL Order: 011105932

Fax: (508) 628-5488 Phone: (508) 628-5486
Project: **Conant School Addition 3**

Analytical Results

Client Sample Description	3	Collected:	11/22/2011	Lab ID:	0003
Southwest Corner Door Frame					
Method	Parameter	Result	Reporting Limit	Units	Analysis Date
3540C/8082	Aroclor-1268	ND	0.49	mg/Kg	11/28/2011
					ehernandez

Definitions:

ND - indicates that the analyte was not detected at the reporting limit



Phone: 508.628.5486
Fax: 508.628.5488

CHAIN OF CUSTODY

TOWN / CITY: Concord

STATE: NH

Specific Project Notes

Test for PCBs Brick
10 day Turn around

SAMPLED BY: Jason Beut 11-22-11

RECEIVED

DATE/TIME:

DATE/TIME: ~~RECEIVED~~ IN LAB BY:

NOV 22 1954

DATE/TIME:

BY: SA 1700 11/23/11 12:00 p
win



Phone: 508.628.5486
Fax: 508.628.5488

CHAIN OF CUSTODY

STATE: VA

DATE/TIME:
3/1/12 9:30 AM

EMSL Analytical, Inc.

<http://www.emsl.com>

200 Route 130 North
Cinnaminson, NJ 08077
Phone: (856) 858-4800
Fax: (856) 858-4571

Attn: **Ammar Dieb**
Universal Environmental Consultants
12 Brewster Road
Framingham, MA 01702

3/8/2012

Phone: (508) 628-5486

Fax: (508) 628-5488

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 3/1/2012. The results are tabulated on the attached data pages for the following client designated project:

Concord NH

The reference number for these samples is EMSL Order #011200971. Please use this reference when calling about these samples. If you have any questions, please do not hesitate to contact me at (856) 858-4800.

Reviewed and Approved By:



Julie Smith - Laboratory Director or other approved signatory



The test results contained within this report meet the requirements of NELAP and/or the specific certification program that is applicable, unless otherwise noted.
NELAP Certifications: NJ 03036, NY 10896, PA 68-00367

The samples associated with this report were received in good condition unless otherwise noted. This report relates only to those items tested as received by the laboratory. The QC data associated with the sample results meet the recovery and precision requirements established by the NELAP, unless specifically indicated. All results for soil samples are reported on a dry weight basis, unless otherwise noted. This report may not be reproduced except in full and without written approval by EMSL Analytical, Inc.

Solid samples for PCB analysis were received in the incorrect containers.
The samples were received above the temperature requirement.

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

Phone: (856) 858-4800 Fax: (856) 858-4571 Email: jsmith@emsl.com

Attn: **Ammar Dieb**
Universal Environmental Consultants
12 Brewster Road
Framingham, MA 01702

Fax: (508) 628-5488

Phone (508) 628-5486

Project: **Concord NH**

Customer ID: UEC63
Customer PO:
Received: 03/01/12 9:30 AM
EMSL Order: 011200971

Analytical Results

Client Sample Description 1 **Collected:** 2/29/2012 **Lab ID:** 0001
Room 5 ceiling paint white

Method	Parameter	Result	Reporting		Units	Analysis Date	Analyst
			Limit				
3540C/8082A	Aroclor-1016	ND	0.88		mg/Kg	3/5/2012	ehernandez
3540C/8082A	Aroclor-1221	ND	0.88		mg/Kg	3/5/2012	ehernandez
3540C/8082A	Aroclor-1232	ND	0.88		mg/Kg	3/5/2012	ehernandez
3540C/8082A	Aroclor-1242	ND	0.88		mg/Kg	3/5/2012	ehernandez
3540C/8082A	Aroclor-1248	ND	0.88		mg/Kg	3/5/2012	ehernandez
3540C/8082A	Aroclor-1254	1.7	0.88		mg/Kg	3/5/2012	ehernandez
3540C/8082A	Aroclor-1260	ND	0.88		mg/Kg	3/5/2012	ehernandez
3540C/8082A	Aroclor-1262	ND	0.88		mg/Kg	3/5/2012	ehernandez
3540C/8082A	Aroclor-1268	ND	0.88		mg/Kg	3/5/2012	ehernandez

Client Sample Description 2 **Collected:** 2/29/2012 **Lab ID:** 0002
Room 4 ceiling paint white

Method	Parameter	Result	Reporting		Units	Analysis Date	Analyst
			Limit				
3540C/8082A	Aroclor-1016	ND	0.49		mg/Kg	3/5/2012	ehernandez
3540C/8082A	Aroclor-1221	ND	0.49		mg/Kg	3/5/2012	ehernandez
3540C/8082A	Aroclor-1232	ND	0.49		mg/Kg	3/5/2012	ehernandez
3540C/8082A	Aroclor-1242	ND	0.49		mg/Kg	3/5/2012	ehernandez
3540C/8082A	Aroclor-1248	ND	0.49		mg/Kg	3/5/2012	ehernandez
3540C/8082A	Aroclor-1254	ND	0.49		mg/Kg	3/5/2012	ehernandez
3540C/8082A	Aroclor-1260	ND	0.49		mg/Kg	3/5/2012	ehernandez
3540C/8082A	Aroclor-1262	ND	0.49		mg/Kg	3/5/2012	ehernandez
3540C/8082A	Aroclor-1268	ND	0.49		mg/Kg	3/5/2012	ehernandez

Client Sample Description 3 **Collected:** 2/29/2012 **Lab ID:** 0003
Room 9 ceiling paint white

Method	Parameter	Result	Reporting		Units	Analysis Date	Analyst
			Limit				
3540C/8082A	Aroclor-1016	ND	0.70		mg/Kg	3/5/2012	ehernandez
3540C/8082A	Aroclor-1221	ND	0.70		mg/Kg	3/5/2012	ehernandez
3540C/8082A	Aroclor-1232	ND	0.70		mg/Kg	3/5/2012	ehernandez
3540C/8082A	Aroclor-1242	ND	0.70		mg/Kg	3/5/2012	ehernandez
3540C/8082A	Aroclor-1248	ND	0.70		mg/Kg	3/5/2012	ehernandez
3540C/8082A	Aroclor-1254	ND	0.70		mg/Kg	3/5/2012	ehernandez
3540C/8082A	Aroclor-1260	ND	0.70		mg/Kg	3/5/2012	ehernandez
3540C/8082A	Aroclor-1262	ND	0.70		mg/Kg	3/5/2012	ehernandez

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

Phone: (856) 858-4800 Fax: (856) 858-4571 Email: jsmith@emsl.com

Attn: **Ammar Dieb**
Universal Environmental Consultants
12 Brewster Road
Framingham, MA 01702

Fax: (508) 628-5488 Phone (508) 628-5486

Project: **Concord NH**

Customer ID: UEC63
Customer PO:
Received: 03/01/12 9:30 AM
EMSL Order: 011200971

Analytical Results

Client Sample Description		3	Collected:	2/29/2012	Lab ID: 0003	
		Room 9 ceiling paint white				
Method	Parameter	Result	Reporting Limit	Units	Analysis Date	Analyst
3540C/8082A	Aroclor-1268	ND	0.70	mg/Kg	3/5/2012	ehernandez

Client Sample Description		4	Collected:	2/29/2012	Lab ID: 0004	
		Addition 3 north side soil				
Method	Parameter	Result	Reporting Limit	Units	Analysis Date	Analyst
SM 2540G	Total Solids	66	N/A	%	3/5/2012	lvu
3540C/8082A	Aroclor-1016	ND	76	µg/Kg	3/2/2012	ehernandez
3540C/8082A	Aroclor-1221	ND	76	µg/Kg	3/2/2012	ehernandez
3540C/8082A	Aroclor-1232	ND	76	µg/Kg	3/2/2012	ehernandez
3540C/8082A	Aroclor-1242	ND	76	µg/Kg	3/2/2012	ehernandez
3540C/8082A	Aroclor-1248	ND	76	µg/Kg	3/2/2012	ehernandez
3540C/8082A	Aroclor-1254	ND	76	µg/Kg	3/2/2012	ehernandez
3540C/8082A	Aroclor-1260	ND	76	µg/Kg	3/2/2012	ehernandez
3540C/8082A	Aroclor-1262	ND	76	µg/Kg	3/2/2012	ehernandez
3540C/8082A	Aroclor-1268	ND	76	µg/Kg	3/2/2012	ehernandez

Client Sample Description		5	Collected:	2/29/2012	Lab ID: 0005	
		Addition 3 north side soil				
Method	Parameter	Result	Reporting Limit	Units	Analysis Date	Analyst
SM 2540G	Total Solids	58	N/A	%	3/5/2012	lvu
3540C/8082A	Aroclor-1016	ND	85	µg/Kg	3/2/2012	ehernandez
3540C/8082A	Aroclor-1221	ND	85	µg/Kg	3/2/2012	ehernandez
3540C/8082A	Aroclor-1232	ND	85	µg/Kg	3/2/2012	ehernandez
3540C/8082A	Aroclor-1242	ND	85	µg/Kg	3/2/2012	ehernandez
3540C/8082A	Aroclor-1248	ND	85	µg/Kg	3/2/2012	ehernandez
3540C/8082A	Aroclor-1254	ND	85	µg/Kg	3/2/2012	ehernandez
3540C/8082A	Aroclor-1260	ND	85	µg/Kg	3/2/2012	ehernandez
3540C/8082A	Aroclor-1262	ND	85	µg/Kg	3/2/2012	ehernandez
3540C/8082A	Aroclor-1268	ND	85	µg/Kg	3/2/2012	ehernandez

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

Phone: (856) 858-4800 Fax: (856) 858-4571 Email: jsmith@emsl.com

Attn: **Ammar Dieb**
Universal Environmental Consultants
12 Brewster Road
Framingham, MA 01702

Customer ID: UEC63
Customer PO:
Received: 03/01/12 9:30 AM
EMSL Order: 011200971

Fax: (508) 628-5488 Phone (508) 628-5486
Project: **Concord NH**

Analytical Results

Client Sample Description 6 *Collected:* 2/29/2012 *Lab ID:* 0006
Addition 3 north side soil

<i>Method</i>	<i>Parameter</i>	<i>Reporting</i>		<i>Units</i>	<i>Analysis Date</i>	<i>Analyst</i>
		<i>Result</i>	<i>Limit</i>			
SM 2540G	Total Solids	73	N/A	%	3/5/2012	lvu
3540C/8082A	Aroclor-1016	ND	68	µg/Kg	3/2/2012	ehernandez
3540C/8082A	Aroclor-1221	ND	68	µg/Kg	3/2/2012	ehernandez
3540C/8082A	Aroclor-1232	ND	68	µg/Kg	3/2/2012	ehernandez
3540C/8082A	Aroclor-1242	ND	68	µg/Kg	3/2/2012	ehernandez
3540C/8082A	Aroclor-1248	ND	68	µg/Kg	3/2/2012	ehernandez
3540C/8082A	Aroclor-1254	ND	68	µg/Kg	3/2/2012	ehernandez
3540C/8082A	Aroclor-1260	ND	68	µg/Kg	3/2/2012	ehernandez
3540C/8082A	Aroclor-1262	ND	68	µg/Kg	3/2/2012	ehernandez
3540C/8082A	Aroclor-1268	ND	68	µg/Kg	3/2/2012	ehernandez

Definitions:

ND - indicates that the analyte was not detected at the reporting limit

EMSL Analytical Inc.

PESTICIDE/PCB ORGANICS ANALYSIS DATA SHEET

Customer Sample#:		MB 1 4252 CU		
Lab Name:	EMSL Analytical	Project:		
EMSL Sample ID:		Sample Matrix:	Solid/Soil	
Lab File ID:	X17404.D	Sampling Date:	12:00:00 AM	
Instrument ID:	ECD-X	Date Extracted:	3/1/2012	
Analyst:	EH	Analysis Date	3/5/2012 3:37:21 PM	
GC Column:	CLPest I (0.25 mm)	Sample wt/vol:	10 G	
GC Column 2:	CLPest II (0.25 mm)	Dilution Factor:	1	
% Moisture:	0	Concentrated Extract Vol:	10 (mL)	
PH:	0	Injection Volume:	1 (ul)	
GPC Cleanup(Y/N):	N	Sulfur Cleanup:	N	
Extraction Type:	3540C			
Method:	SW846 8081/8082			

CAS NO	COMPOUND	Report Limit (mg/Kg)	CONC. (mg/Kg)	Q
12674-11-2	Aroclor 1016	0.050		U
11104-28-2	Aroclor 1221	0.050		U
11141-16-5	Aroclor 1232	0.050		U
53469-21-9	Aroclor 1242	0.050		U
12672-29-6	Aroclor 1248	0.050		U
11097-69-1	Aroclor 1254	0.050		U
11096-82-5	Aroclor 1260	0.050		U
37324-23-5	Aroclor 1262	0.050		U
11100-14-4	Aroclor 1268	0.050		U

Qualifier Definitions
 U = Undetected
 B = Compound detected in method blank
 E = Estimated value
 D = Dilution
 P = Results between the two columns differ >40%

EMSL Analytical Inc.

SOLID/ SOIL PESTICIDE/PCB LCS/QCS/ LFB RECOVERY

Lab Name: EMSL Analytical							
Original LCS 1 4252							
File ID: X17404.D/X17405.D							
* : Values outside of							
	COMPOUND	CAS NO	LOW LIMIT	HIGH LIMIT	SPIKE ADDED mg/Kg	LCS CONC. mg/Kg	LCS REC%
1	Aroclor 1016	12674-11-2	31	122	1.50	1.28	86
2	Aroclor 1260	11096-82-5	33	130	1.50	1.35	90
Total Out							0 of 2

EMSL Analytical Inc.

SOLID/SOIL PESTICIDE/PCB MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name:		EMSL Analytical		Original		0970-1 PCB MS 8X						
				File ID:		X17408.D\X17406.D\X17407.D						
* : Values outside of												
COMPOUND	CAS NO	LOW LIMIT	HIGH LIMIT	RPD LIMIT	SAMPLE CONC.	MS SPIKE ADDED mg/Kg	MS CONC. mg/Kg	MS REC%	MSD SPIKE ADDED mg/Kg	MSD CONC. mg/Kg	MSD REC%	RPD %
1 Aroclor 1016	12674-11-2	12	164	25	0.00	3.54	3.15	89	3.55	3.15	89	0
2 Aroclor 1260	11096-82-5	43	167	25	0.00	3.54	2.90	82	3.55	2.84	80	2
				Total Out				0 of 2			0 of 2	0 of 2

EMSL Analytical Inc.

PESTICIDE/PCB ORGANICS ANALYSIS DATA SHEET

Customer Sample#: MB 1 4253 CU	
Lab Name: EMSL Analytical	Project:
EMSL Sample ID:	Sample Matrix: Solid/Soil
Lab File ID: X17391.D	Sampling Date: 12:00:00 AM
Instrument ID: ECD-X	Date Extracted: 3/1/2012
Analyst: EH	Analysis Date: 3/2/2012 6:14:20 PM
GC Column: CLPest I (0.25 mm)	Sample wt/vol: 10 G
GC Column 2: CLPest II (0.25 mm)	Dilution Factor: 1
% Moisture: 0	Concentrated Extract Vol: 10 (mL)
PH: 0	Injection Volume: 1 (ul)
GPC Cleanup(Y/N): N	Sulfur Cleanup: N
Extraction Type: 3550B	
Method: SW846 8081/8082	

CAS NO	COMPOUND	Report Limit (ug/Kg)	CONC. (ug/Kg)	Q
12674-11-2	Aroclor 1016	50		U
11104-28-2	Aroclor 1221	50		U
11141-16-5	Aroclor 1232	50		U
53469-21-9	Aroclor 1242	50		U
12672-29-6	Aroclor 1248	50		U
11097-69-1	Aroclor 1254	50		U
11096-82-5	Aroclor 1260	50		U
37324-23-5	Aroclor 1262	50		U
11100-14-4	Aroclor 1268	50		U

Qualifier Definitions
 U = Undetected
 B = Compound detected in method blank
 E = Estimated value
 D = Dilution
 P = Results between the two columns differ >40%

EMSL Analytical Inc.**SOLID / SOIL PESTICIDE/PCB LCS/QCS/ LFB RECOVERY**

Lab Name:		<u>EMSL Analytical</u>		Original	<u>LCS 1 4253</u>		
				File ID:	<u>X17391.D/X17392.D</u>		
* : Values outside of							
	COMPOUND	CAS NO	LOW LIMIT	HIGH LIMIT	SPIKE ADDED ug/Kg	LCS CONC. ug/Kg	LCS REC%
1	Aroclor 1016	12674-11-2	31	122	1500	1290	86
2	Aroclor 1260	11096-82-5	33	130	1500	1370	91
Total Out							0 of 2

EMSL Analytical Inc.


SOLID/SOIL PESTICIDE/PCB MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name:		EMSL Analytical		Original		0971-4 PCB MS						
		File ID:		X17395.D\X17393.D\X17394.D								
* : Values outside of												
COMPOUND	CAS NO	LOW LIMIT	HIGH LIMIT	RPD LIMIT	SAMPLE CONC.	MS SPIKE ADDED ug/Kg	MS CONC. ug/Kg	MS REC%	MSD SPIKE ADDED ug/Kg	MSD CONC. ug/Kg	MSD REC%	RPD %
1 Aroclor 1016	12674-11-2	12	164	25	0.00	2250	2200	98	2270	2070	91	7
2 Aroclor 1260	11096-82-5	43	167	25	0.00	2250	2140	95	2270	2070	91	4
				Total Out				0 of 2			0 of 2	0 of 2

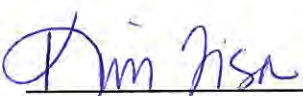
APPENDIX C

**STANDARD OPERATING PROCEDURE
FOR SAMPLING POROUS SURFACES
FOR POLYCHLORINATED BIPHENYLS (PCBs)**

**The Office of Environmental Measurement and Evaluation
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5/5/11
Date

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5/5/11
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05/23/11
Date

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Dan Boudreau, EIA Chemistry Team Leader

5/23/11
Date

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Attachments:

Example of Custody Seal and Sample Label
Example of Chain of Custody Form

1.0 Scope and Application

- 1.1 This Standard Operating Procedure (SOP) is suitable for collection of a porous matrix sample for analysis of Polychlorinated Biphenyls (PCBs).
- 1.2 This SOP describes sampling techniques for both hard and soft porous surfaces.
 - 1.2.1 Hard surfaces, and most soft surfaces, can be sampled using an impact hammer drill to generate a uniform, finely ground, powder to be extracted and analyzed for PCBs. This procedure is primarily geared at providing enough sample quantity for two analyses. Hard porous surfaces include concrete, brick, asphalt, cement, sandstone, limestone, unglazed ceramics, and other possible PCB suspected material. This procedure may also be used on other softer porous surfaces, such as wood.
 - 1.2.2 Soft surfaces can be sampled using a chisel or sharp knife to generate a representative sample to be extracted and analyzed for PCBs. Soft porous surfaces include wood, wall plasterboard, low density plastics, rubber, caulking, and other PCB suspected material.
- 1.3 This SOP provides for collection of surface samples (0 – 0.5 inches) and delineation of PCB contamination throughout the core of the porous surface. The procedure can be used to sample the porous surface at distinctly different depth zones.

2.0 Method Summary

A one-inch or other sized diameter carbide drill bit is used in a rotary impact hammer drill to generate a fine powder, or other representative sample, suitable for extraction and analysis of PCBs from porous surfaces. This method also allows the use of chisels or knives for the collection of samples from soft porous surfaces for PCB analysis.

3.0 Definitions

- 3.1 Field/Bottle Blank: A sample container of the same lot as the containers used for the environmental samples. This evaluates PCB contamination introduced from the sample container(s) from a common lot.
- 3.2 Equipment/Rinse/Rinsate Blanks: A sample that is collected by pouring hexane over the sample collection equipment after decontamination and before sample collection. The sample is collected in the appropriate sample container identical to the sample containers. This represents background contamination resulting from the field equipment, sampling procedure, sample container, and shipment.

- 3.3 Field Replicates/Duplicates: Two or more samples collected at the same sampling location. Field replicates should be samples collected side by side. Field replicates represent the precision of the whole method, site heterogeneity, field sampling, and the laboratory analysis.
- 3.4 Field Split Samples: Two or more representative subsamples taken from one environmental sample in the field. Prior to splitting, the environmental sample is homogenized to correct for sample heterogeneity that would adversely impact data comparability. Field split samples are usually analyzed by different laboratories (interlaboratory comparison) or by the same laboratory (intralaboratory comparison). Field splits are used to assess sample handling procedures from field to laboratory and laboratory comparability.
- 3.5 Laboratory Quality Samples: Additional samples that will be collected for the laboratory's quality control program: matrix spike, matrix spike duplicate, laboratory duplicates, etc.
- 3.6 Proficiency Testing (PT)/Performance Evaluation (PE) Sample: A sample, the composition of which is unknown to the laboratory or analyst, provided to the analyst or laboratory to assess the capability to produce results within acceptable criteria. This is optional depending on the data quality objectives. If possible, it is recommended that the PE sample be of similar matrix as the porous surface(s) being sampled.
- 3.7 Porous Surface: Any surface that allows PCBs to penetrate or pass into itself including, but not limited to, paint or coating on metal; corroded metal; fibrous glass or glass wool; unglazed ceramics; ceramics with porous glaze; porous building stone such as sandstone, travertine, limestone, or coral rock; low density plastics such as Styrofoam and low density polyethylene; coated (varnished or painted) or uncoated wood; painted or unpainted concrete or cement; plaster; plasterboard; wallboard; rubber; caulking; fiberboard; chipboard; asphalt; or tar paper.
- 3.8 Shipping Container Temperature Blank: A water sample that is transported to the laboratory to measure the temperature of the samples in the cooler.

4.0 Health and Safety

- 4.1 Eye, respiratory, and hearing protection are required at all times during sample drilling. A properly fitted respirator is required for hard porous surface sampling. A respirator is recommended whenever there is a risk of inhalation of either particulate or volatilized PCBs during sampling.
- 4.2 All proper personal protection clothing and equipment must be worn.

4.3 When working with potentially hazardous materials or situations, follow EPA, OSHA, and specific health or safety procedures.

4.4 Care must be exercised when using an electrical drill and sharp cutting objects.

5.0 Interferences and Potential Problems

5.1 This sampling technique produces a finely ground uniform powder, which minimizes the physical matrix effects from variations in the sample consistency (i.e., particle size, uniformity, homogeneity, and surface condition). Matrix spike analysis of a sample is highly recommended to monitor for any matrix related interferences.

5.2 Nitrile gloves are recommended. Latex gloves must not be used due to possible phthalate contamination.

5.3 Interferences may result from using contaminated equipment, solvents, reagents, sample containers, or sampling in a disturbed area. The drill bit must be decontaminated between samples. (see Section 11.0.)

5.4 Cross contamination problems can be eliminated or minimized through the use of dedicated sampling equipment.

6.0 Personnel Qualifications

6.1 All field samplers working at hazardous materials/waste sites are required to take a 40 hour health and safety training course prior to engaging in any field activities. Subsequently, an 8 hour refresher health and safety course is required annually.

6.2 The field sampler should be trained by an experienced sampler before initiating this procedure.

6.3 All personnel shall be responsible for complying with all quality assurance/quality control requirements that pertain to their organizational/technical function.

7.0 Equipment and Supplies

7.1 This list varies with the matrix and if depth profiling is required

- Rotary impact hammer variable speed drill
- 1-inch or other suitable (1/2, 3/4, etc.) diameter carbide tip drill bits
- Steel chisel or sharp cutting knife, and hammer
- Brush and cloths to clean area
- Stainless steel scoopulas

Aluminum foil to collect the powder sample
1 quart Cubitainer with the top cut out to collect the powder sample
Aluminum weighing pans to collect the powder sample
Cleaned glass container (2 oz or 40 mL) with Teflon lined cap
Decontamination supplies: hexane, two small buckets, a scrub brush, detergent, deionized water, hexane squirt bottle, and paper towels
Dedicated vacuum cleaner with a disposable filter or a vacuum pump with a dust filter
Polyethylene tubing and Pasteur pipettes
Sample tags/labels, custody seals, and Chain-of-Custody form

8.0 Sampling Design

- 8.1 A sufficient number of samples must be collected to meet the data quality objectives of the project. If the source of the PCB contamination is regulated under the federal TSCA PCB Regulations at 40 CFR Part 761, the sampler should insure that the sampling design is sufficient to meet any investigation or verification sampling requirements. At a minimum, the following is recommended:

- 8.1.1 Suspected stained area (s) should be sampled.
- 8.1.2 At each separate location, collect at least 3 samples of each type of porous surface, regardless of the amount of each type of porous surface present.
- 8.1.3 In areas where PCB equipment was used or where PCBs were stored, samples should be collected at a frequency of 1 sample/100 square feet (ft²).

9.0 Sample Collection

9.1 Hard Porous Surfaces

- 9.1.1 Lock a 1-inch or another size diameter carbide drill bit into the impact hammer drill and plug the drill into an appropriate power source. For easy identification, sample locations may be pre-marked using a marker or paint. (Note: the actual drilling point must not be marked.) Remove any debris with a clean brush or cloth prior to drilling. All sampling decisions of this nature should be noted in the sampling logbook.
- 9.1.2 Use a Cubitainer with the top cut off or aluminum foil to contain the powdered sample. Begin drilling in the designated location. Apply steady even pressure and let the drill do the work. Applying too much pressure will generate excessive heat and dull the drill bit prematurely. The drill will provide a finely ground powder that can be easily collected.

- 9.1.3 Samples should be collected at ½-inch depth intervals. Thus, the initial surface sample should be collected from 0 – 0.5 inches. A ½-inch deep hole generates about 10 grams (20 mL) of powder. Multiple holes located closely adjacent to each other, may be needed to generate sufficient sample volumes for a PCB determination. It is strongly recommended that the analytical laboratory be consulted on the minimum sample size needed for PCB extraction and analysis.
- 9.1.4 Wall and Ceiling Sampling: A team of two samplers will be required for wall and ceiling sampling. The second person will hold a clean catch surface (e.g. an aluminum pan) below the drill to collect the falling powder. Alternatively, use the chuck-end of the drill bit and punch a hole through the center of the collection pan. The drill bit is then mounted through the pan and into the drill. For ceilings, the drill may be held at an angle to collect the powder. Thus the driller can be drilling at an angle while the assistant steadies the pan to catch the falling powder. As a precaution, it may be advantageous to tape a piece of plastic around the drill, just below the chuck, to avoid dust contaminating the body of the drill and entering the drill's cooling vents. Caution must be taken to prevent obstruction of the drill's cooling vents.

9.2 Soft Porous Surfaces

- 9.2.1 The procedure for the hard porous surface may be used for certain soft porous surfaces, such as wood.
- 9.2.2 Samples should be collected at no more than ½-inch depth intervals using a metal chisel or sharp cutting knife. Thus, the initial surface sample should be collected from 0 – 0.5 inches. It is important to collect at least 10 grams for analysis.
- 9.2.3 For soft porous surfaces, such as caulking and rubber, a representative sample can be collected using a metal chisel or sharp cutting knife.

9.3 Multiple Depth Sampling

- 9.3.1 Multiple Depth Sampling may not be applicable to certain porous surfaces, such as caulking.
- 9.3.2 Collect the surface sample as outlined in Section 9.1 or 9.2.
- 9.3.3 Use the vacuum pump or cleaner to clean out the hole.
- 9.3.4 To collect multiple depths there are two options.

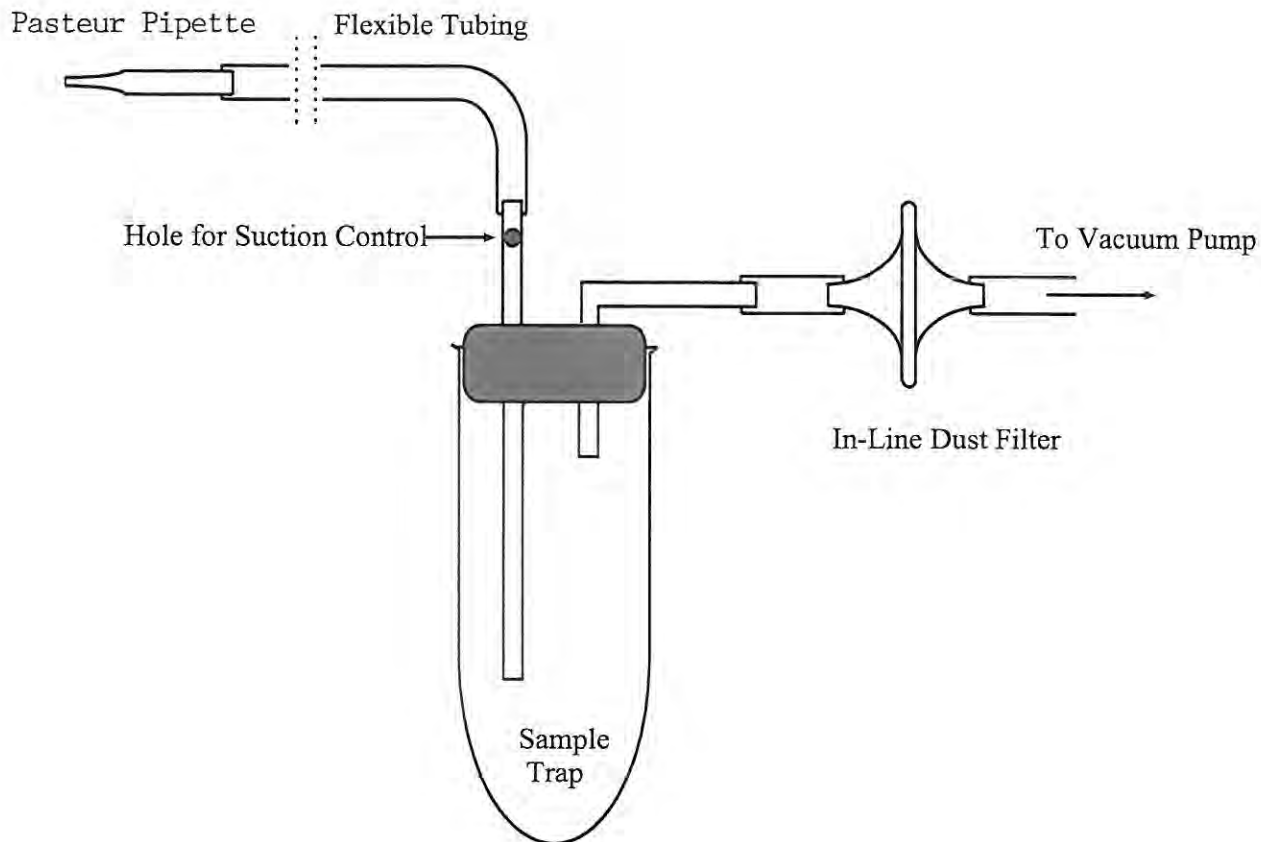
9.3.4.1 Option one: drill sequentially ½-inch increments with the 1 inch drill.

9.3.4.2 Option two: drill with the 1 inch bit and either make the hole larger or use a smaller bit to take the next ½- inch sample.

9.3.5 A stainless steel scoopula will make it easier to collect the sample from the bottom of the hole.

9.4 Vacuum Trap Design and Clean-out

The trap presented in Figure 1 is a convenient and thorough way for collecting and removing concrete powder from drilled holes. The trap system is designed to allow for control of the suction from the vacuum pump and easy trap clean-out between samples. Note, by placing a hole in the inlet tube (see Figure 1), a finger on the hand holding the trap can be used to control the suction at the sampling tip. Thus, when this hole is left completely open, there will be no suction, and the sampler can have complete control over where and what to sample. To change-out between samples the following steps should be taken: 1) the Pasteur pipette and piece of polyethylene tubing at the sample inlet should be replaced with new materials, 2) the portion of the rubber stopper and glass tubing that was in the trap should be wiped down with a clean damp paper towel (wetted with deionized water) and then dried with a fresh paper towel, 3) a clean pipe cleaner should be drawn through the glass inlet tube to remove any concrete dust present, and 4) the glass tube or flask used to collect the sample should swapped out with a clean decontaminated sample trap. Having several clean tubes or flasks on hand will facilitate change-out between samples.

Figure 1

Note: the holes should be vacuumed thoroughly to minimize any cross-contamination between sample depths and the bits should be decontaminated between samples. (See Section 11.0)

10.0 Sample Handling, Preservation, and Storage

- 10.1 Samples must be collected in glass containers for PCB analyses. In general, a 2-ounce sample container with a Teflon-lined cap (wide-mouth jars are preferred) will hold sufficient mass for most analyses. A 2-ounce jar can hold roughly 90 grams of sample.
- 10.2 Samples are to be shipped refrigerated and maintained at $\leq 6^{\circ}\text{C}$ until the time of extraction and analysis.
- 10.3 The suggested holding time for PCB samples is 14 days to extraction.

11.0 Decontamination

- 11.1 Assemble two decontamination buckets. The first bucket contains a detergent and potable water solution, and the second bucket is for rinsate. Place all used drill bits, hose for the vacuum cleaner, and utensils in the detergent and water bucket. Scrub each piece thoroughly using the scrub brush. Note, the powder does cling to the metal surfaces, so care should be taken during this step, especially with the twists and curves of the drill bits. Next, rinse each piece with water and hexane. Place the rinsed pieces on clean paper towels and individually dry and inspect each piece. Note: all pieces should be dry prior to reuse.
- 11.2 Lightly contaminated drill bits and utensils may be wiped with a hexane soaked cloth and hexane rinsed for decontamination.

12.0 Data and Record Management

- 12.1 All data and information collection should follow a Field Data Management SOP or Quality Assurance Project Plan (QAPP).
- 12.2 Follow the chain of custody procedures to release the samples to the laboratory. A copy is kept with the sampling records.
- 12.3 The field data is stored for at least 3 years.

13.0 Quality Control and Quality Assurance

- 13.1 Representative samples are required. The sampler will evaluate the site specific conditions to assure the sample will be representative.
- 13.2 All sampling equipment must be decontaminated prior to use and between each discrete sample.
- 13.3 All field Quality Control (QC) sample requirements in a Sample and Analysis Plan (SAP) or QAPP must be followed. The SAP or QAPP may involve field blanks, equipment blanks, field duplicates and/or the collection of extra samples for the laboratory's quality control program.
- 13.4 Field duplicates should be collected at a minimum frequency of 1 per 20 samples or 1 per non-related porous matrix, whichever is greater.

14.0 Waste Management and Pollution Prevention


- 14.1 During field sampling events there may be PCB and/or hazardous waste produced from the sample collection. The waste must be handled and disposed of in accordance with federal, state, and local regulations. The dust filter, and tubing if a vacuum pump is used, is disposed after each site investigation. This waste will be treated as PCB waste if the samples are positive for PCBs. It may be possible to manage or dispose of the waste produced at the site where the work was performed. If the site does not meet regulatory requirements for these types of activities, the waste must be transported to a facility permitted to manage and/or dispose of the waste.

15.0 References

1. Guidance for the Preparation of Standard Operating Procedures for Quality-Related Operations, QA/G-6, EPA/600/R-96/027, November 1995.
2. 40 CFR Part 761 – Polychlorinated Biphenyls (PCBs) Manufacturing, Processing, Distribution In Commerce, and Use Prohibitions
3. Sample Container and Holding Time: RCRA SW 846, Chapter 4, Table 4.1, Revision 4, February, 2007.

Example of Sample Label and Custody Seal

U.S. ENVIRONMENTAL PROTECTION AGENCY – REGION I BOSTON, MASS.	
LABEL	NAME OF UNIT AND ADDRESS ENVIRONMENTAL SERVICES DIVISION 60 WESTVIEW STREET LEXINGTON, MASSACHUSETTS 02173
	DATE: YR/MO/DAY TIME STATION NO.
SAMPLE	SOURCE OF SAMPLE
	SAMPLE NO.
	SUB NO.
	PRESERVATIVE <input checked="" type="checkbox"/>
SAMPLING CREW(FIRST, INITIAL, LAST NAME)	
AMOUNT ANALYSIS	

 UNITED STATES ENVIRONMENTAL PROTECTION AGENCY OFFICIAL SAMPLE SEAL	SAMPLE NO.	DATE
	SIGNATURE	
	PRINT NAME AND TITLE (Inspector, Analyst or Technician)	
SEAL BROKEN BY		DATE

EPA FORM 7500-2 (R7-75)

